

**Experiment Number:** 20314 - 03  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** RATS/F 344/NCTR

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
Glycidamide  
**CAS Number:** 5694-00-8

**Date Report Requested:** 12/17/2014  
**Time Report Requested:** 07:40:57  
**First Dose M/F:** 05/30/05 / 05/30/05  
**Lab:** NCTR

**NTP Study Number:** C20314  
**Lock Date:** 11/01/2011  
**Cage Range:** ALL  
**Date Range:** ALL  
**Reasons For Removal:** ALL  
**Removal Date Range:** ALL  
**Treatment Groups:** Include ALL  
**Study Gender:** Both  
**TDMSE Version:** 3.0.2.2\_002  
**PWG Approval Date:** NONE

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**FOR ALL DOSES THE TUMOR RATES IN THE FOLLOWING TISSUES/ORGANS ARE BASED ON NUMBER OF TISSUES EXAMINED.  
IN OTHER TISSUES/ORGANS RATES ARE BASED ON THE NUMBER OF ANIMALS NECROPSIED.**

Adrenal Medulla  
Clitoral/Preputial Gland  
Heart  
Islets, Pancreatic  
Liver  
Lung  
Pituitary Gland  
Prostate  
Testes  
Thyroid Gland

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## SUMMARY OF STATISTICALLY SIGNIFICANT ( $P \leq .05$ ) RESULTS IN THE ANALYSIS OF GLYCIDAMIDE

### MALE RATS

#### Organ

Adrenal Medulla  
Clitoral/Preputial Gland

Heart  
Oral Cavity (Oral Mucosa, Tongue, Pharynx, Tooth, Gingiva)

Oral Mucosa  
Pituitary Gland: Pars Distalis or Unspecified Site

Skin

Thyroid Gland: C-Cell  
Thyroid Gland: Follicular Cell

Tongue

Zymbal's Gland  
All Organs

#### Morphology

Pheochromocytoma Malignant  
Carcinoma  
Carcinoma or Adenoma  
Schwannoma Malignant  
Papilloma Squamous or Papilloma  
Squamous Cell Carcinoma, Papilloma Squamous, or Papilloma  
Squamous Cell Papilloma  
Adenoma  
Carcinoma or Adenoma  
Basal or Sq. Cell Carcinoma, Carcinoma, Basosq. Tumor (M or B), Basal Cell Adenoma, Adenoma, Papilloma, Sq Papilloma, Keratoacanthoma, Trichoepithelioma  
Fibroma  
Squamous Cell Papilloma  
Squamous Cell Papilloma, Papilloma, Squamous Cell Carcinoma or Keratoacanthoma  
Squamous Cell Papilloma, Papilloma, or Keratoacanthoma  
Adenoma  
Adenoma  
Carcinoma  
Carcinoma or Adenoma  
Squamous Cell Carcinoma or Papilloma Squamous  
Squamous Cell Papilloma  
Carcinoma  
Leukemia: Lymphocytic, Monocytic, Mononuclear, or Undifferentiated  
Mesothelioma: Benign, Malignant, NOS  
Mesothelioma: Malignant  
Malignant Tumors

### FEMALE RATS

#### Organ

Clitoral/Preputial Gland

#### Morphology

Carcinoma  
Carcinoma or Adenoma  
Squamous Cell Papilloma

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### SUMMARY OF STATISTICALLY SIGNIFICANT ( $P \leq .05$ ) RESULTS IN THE ANALYSIS OF GLYCIDAMIDE

|  |  |
|--|--|
| Mammary Gland  | Adenoma<br>Carcinoma or Adenoma<br>Fibroadenoma<br>Fibroma, Fibroadenoma or Adenoma<br>Fibroma, Fibroadenoma, Carcinoma, or Adenoma    |
| Oral Cavity (Oral Mucosa, Tongue, Pharynx, Tooth, Gingiva) | Papilloma Squamous or Papilloma<br>Squamous Cell Carcinoma<br>Squamous Cell Carcinoma, Papilloma Squamous, or Papilloma                |
| Oral Mucosa  | Squamous Cell Carcinoma<br>Squamous Cell Papilloma   |
| Pituitary Gland: Pars Distalis or Unspecified Site         | Adenoma<br>Carcinoma or Adenoma<br>Squamous Cell Papilloma   |
| Stomach, Forestomach                                       | Adenoma  |
| Thyroid Gland: Follicular Cell                             | Carcinoma<br>Carcinoma or Adenoma  |
| Uterus   | Polyp Stromal<br>Sarcoma Stromal or Polyp Stromal  |
| All Organs   | Leukemia: Lymphocytic, Monocytic, Mononuclear, or Undifferentiated<br>Benign Tumors<br>Malignant Tumors<br>Malignant and Benign Tumors |

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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/NCTR)  
 TERMINAL SACRIFICE AT 106 WEEKS**

| DOSE                           | Males         |               |              |             |             |
|--------------------------------|---------------|---------------|--------------|-------------|-------------|
|                                | CONTROL WATER | 0.0875 GLYCID | 0.175 GLYCID | 0.35 GLYCID | 0.70 GLYCID |
| <b>Adrenal Medulla</b>         |               |               |              |             |             |
| <b>Pheochromocytoma Benign</b> |               |               |              |             |             |
| <b>TUMOR RATES</b>             |               |               |              |             |             |
| OVERALL (a)                    | 10/46 (22%)   | 11/47 (23%)   | 14/48 (29%)  | 8/47 (17%)  | 9/48 (19%)  |
| POLY-3 RATE (b)                | 10/37.91      | 11/38.39      | 14/37.11     | 8/34.73     | 9/29.44     |
| POLY-3 PERCENT (g)             | 26.4%         | 28.7%         | 37.7%        | 23%         | 30.6%       |
| TERMINAL (d)                   | 6/21 (29%)    | 4/18 (22%)    | 9/15 (60%)   | 2/7 (29%)   | 1/2 (50%)   |
| FIRST INCIDENCE                | 523           | 468           | 578          | 634         | 544         |
| HC TUMORS SAME ROUTE           | 0/0 (0%)      |               |              |             |             |
| HC TUMORS ALL ROUTES           | 0/0 (0%)      |               |              |             |             |
| <b>STATISTICAL TESTS</b>       |               |               |              |             |             |
| POLY 3                         | P=0.532       | P=0.513       | P=0.204      | P=0.477N    | P=0.457     |
| POLY 1.5                       | P=0.400N      | P=0.522       | P=0.242      | P=0.424N    | P=0.592     |
| POLY 6                         | P=0.304       | P=0.488       | P=0.146      | P=0.581N    | P=0.264     |
| COCH-ARM / FISHERS             | P=0.244N      | P=0.522       | P=0.278      | P=0.377N    | P=0.458N    |
| MAX-ISO-POLY-3                 | P=0.620N      | P=0.411       | P=0.144      | P=0.375N    | P=0.367     |
| HISTCONT SAME RTE              | (e)           | (e)           | (e)          | (e)         | (e)         |
| HISTCONT ALL RTES              | (e)           | (e)           | (e)          | (e)         | (e)         |
| CURR VS HC SAME RTE            | (e)           |               |              |             |             |
| CURR VS HC ALL RTES            | (e)           |               |              |             |             |

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 Lab: NCTR

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/NCTR)  
 TERMINAL SACRIFICE AT 106 WEEKS**

| DOSE  | Males         |               |              |             |             |
|---|---------------|---------------|--------------|-------------|-------------|
|   | CONTROL WATER | 0.0875 GLYCID | 0.175 GLYCID | 0.35 GLYCID | 0.70 GLYCID |
| <b>Adrenal Medulla<br/>Pheochromocytoma Complex</b> |               |               |              |             |             |
| <b>TUMOR RATES</b>                                  |               |               |              |             |             |
| OVERALL (a)   | 2/46 (4%)     | 1/47 (2%)     | 0/48 (0%)    | 0/47 (0%)   | 0/48 (0%)   |
| POLY-3 RATE (b)                                     | 2/38.04       | 1/36.89       | 0/36.09      | 0/33.45     | 0/26.75     |
| POLY-3 PERCENT (g)                                  | 5.3%          | 2.7%          | 0%           | 0%          | 0%          |
| TERMINAL (d)  | 0/21 (0%)     | 0/18 (0%)     | 0/15 (0%)    | 0/7 (0%)    | 0/2 (0%)    |
| FIRST INCIDENCE                                     | 487           | 477           | ---          | ---         | ---         |
| HC TUMORS SAME ROUTE                                | 0/0 (0%)      |               |              |             |             |
| HC TUMORS ALL ROUTES                                | 0/0 (0%)      |               |              |             |             |
| <b>STATISTICAL TESTS</b>                            |               |               |              |             |             |
| POLY 3  | P=0.100N      | P=0.511N      | P=0.248N     | P=0.266N    | P=0.323N    |
| POLY 1.5  | P=0.103N      | P=0.501N      | P=0.238N     | P=0.248N    | P=0.276N    |
| POLY 6  | P=0.094N      | P=0.531N      | P=0.268N     | P=0.302N    | P=0.403N    |
| COCH-ARM / FISHERS                                  | P=0.106N      | P=0.492N      | P=0.237N     | P=0.242N    | P=0.237N    |
| MAX-ISO-POLY-3                                      | P=0.172N      | P=0.293N      | P=0.089N     | P=0.104N    | P=0.158N    |
| HISTCONT SAME RTE                                   | (e)           | (e)           | (e)          | (e)         | (e)         |
| HISTCONT ALL RTES                                   | (e)           | (e)           | (e)          | (e)         | (e)         |
| CURR VS HC SAME RTE                                 | (e)           |               |              |             |             |
| CURR VS HC ALL RTES                                 | (e)           |               |              |             |             |

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 Lab: NCTR

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/NCTR)  
 TERMINAL SACRIFICE AT 106 WEEKS**

| DOSE                              | Males         |               |              |             |             |
|-----------------------------------|---------------|---------------|--------------|-------------|-------------|
|                                   | CONTROL WATER | 0.0875 GLYCID | 0.175 GLYCID | 0.35 GLYCID | 0.70 GLYCID |
| <b>Adrenal Medulla</b>            |               |               |              |             |             |
| <b>Pheochromocytoma Malignant</b> |               |               |              |             |             |
| <b>TUMOR RATES</b>                |               |               |              |             |             |
| OVERALL (a)                       | 4/46 (9%)     | 1/47 (2%)     | 4/48 (8%)    | 0/47 (0%)   | 2/48 (4%)   |
| POLY-3 RATE (b)                   | 4/37.91       | 1/36.25       | 4/36.80      | 0/33.45     | 2/27.03     |
| POLY-3 PERCENT (g)                | 10.6%         | 2.8%          | 10.9%        | 0%          | 7.4%        |
| TERMINAL (d)                      | 2/21 (10%)    | 0/18 (0%)     | 1/15 (7%)    | 0/7 (0%)    | 1/2 (50%)   |
| FIRST INCIDENCE                   | 523           | 715           | 640          | ---         | 662         |
| HC TUMORS SAME ROUTE              | 0/0 (0%)      |               |              |             |             |
| HC TUMORS ALL ROUTES              | 0/0 (0%)      |               |              |             |             |
| <b>STATISTICAL TESTS</b>          |               |               |              |             |             |
| POLY 3                            | P=0.316N      | P=0.190N      | P=0.629      | P=0.076N    | P=0.501N    |
| POLY 1.5                          | P=0.284N      | P=0.180N      | P=0.640N     | P=0.066N    | P=0.412N    |
| POLY 6                            | P=0.368N      | P=0.210N      | P=0.592      | P=0.101N    | P=0.635N    |
| COCH-ARM / FISHERS                | P=0.245N      | P=0.174N      | P=0.619N     | P=0.056N    | P=0.318N    |
| MAX-ISO-POLY-3                    | P=0.293N      | P=0.096N      | P=0.482      | P=0.033N*   | P=0.358N    |
| HISTCONT SAME RTE                 | (e)           | (e)           | (e)          | (e)         | (e)         |
| HISTCONT ALL RTEs                 | (e)           | (e)           | (e)          | (e)         | (e)         |
| CURR VS HC SAME RTE               | (e)           |               |              |             |             |
| CURR VS HC ALL RTEs               | (e)           |               |              |             |             |

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 Lab: NCTR

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/NCTR)  
 TERMINAL SACRIFICE AT 106 WEEKS**

| DOSE   | Males         |               |              |             |             |
|--|---------------|---------------|--------------|-------------|-------------|
|  | CONTROL WATER | 0.0875 GLYCID | 0.175 GLYCID | 0.35 GLYCID | 0.70 GLYCID |
| <b>Adrenal Medulla</b>                                   |               |               |              |             |             |
| <b>Pheochromocytoma: Benign, Complex, Malignant, NOS</b> |               |               |              |             |             |
| <b>TUMOR RATES</b>                                       |               |               |              |             |             |
| OVERALL (a)  | 14/46 (30%)   | 12/47 (26%)   | 18/48 (38%)  | 8/47 (17%)  | 10/48 (21%) |
| POLY-3 RATE (b)  | 14/39.53      | 12/39.11      | 18/37.82     | 8/34.73     | 10/29.72    |
| POLY-3 PERCENT (g)                                       | 35.4%         | 30.7%         | 47.6%        | 23%         | 33.7%       |
| TERMINAL (d)   | 7/21 (33%)    | 4/18 (22%)    | 10/15 (67%)  | 2/7 (29%)   | 1/2 (50%)   |
| FIRST INCIDENCE  | 487           | 468           | 578          | 634         | 544         |
| HC TUMORS SAME ROUTE                                     | 0/0 (0%)      |               |              |             |             |
| HC TUMORS ALL ROUTES                                     | 0/0 (0%)      |               |              |             |             |
| <b>STATISTICAL TESTS</b>                                 |               |               |              |             |             |
| POLY 3   | P=0.339N      | P=0.417N      | P=0.188      | P=0.177N    | P=0.541N    |
| POLY 1.5   | P=0.198N      | P=0.396N      | P=0.243      | P=0.133N    | P=0.369N    |
| POLY 6   | P=0.471       | P=0.464N      | P=0.116      | P=0.279N    | P=0.413     |
| COCH-ARM / FISHERS                                       | P=0.089N      | P=0.384N      | P=0.307      | P=0.100N    | P=0.203N    |
| MAX-ISO-POLY-3   | P=0.399N      | P=0.326N      | P=0.137      | P=0.132N    | P=0.446N    |
| HISTCONT SAME RTE  | (e)           | (e)           | (e)          | (e)         | (e)         |
| HISTCONT ALL RTES  | (e)           | (e)           | (e)          | (e)         | (e)         |
| CURR VS HC SAME RTE                                      | (e)           |               |              |             |             |
| CURR VS HC ALL RTES                                      | (e)           |               |              |             |             |



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 Lab: NCTR

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/NCTR)  
 TERMINAL SACRIFICE AT 106 WEEKS**

| DOSE                                    | Males         |               |              |             |             |
|---|---------------|---------------|--------------|-------------|-------------|
|   | CONTROL WATER | 0.0875 GLYCID | 0.175 GLYCID | 0.35 GLYCID | 0.70 GLYCID |
| <b>Clitoral/Preputial Gland Adenoma</b> |               |               |              |             |             |
| <b>TUMOR RATES</b>                      |               |               |              |             |             |
| OVERALL (a)                             | 2/48 (4%)     | 0/48 (0%)     | 5/48 (10%)   | 3/47 (6%)   | 2/48 (4%)   |
| POLY-3 RATE (b)                         | 2/37.83       | 0/36.25       | 5/36.45      | 3/34.10     | 2/27.09     |
| POLY-3 PERCENT (g)                      | 5.3%          | 0%            | 13.7%        | 8.8%        | 7.4%        |
| TERMINAL (d)                            | 2/21 (10%)    | 0/18 (0%)     | 3/15 (20%)   | 0/7 (0%)    | 0/2 (0%)    |
| FIRST INCIDENCE                         | 737 (T)       | ---           | 653          | 677         | 660         |
| HC TUMORS SAME ROUTE                    | 0/0 (0%)      |               |              |             |             |
| HC TUMORS ALL ROUTES                    | 0/0 (0%)      |               |              |             |             |
| <b>STATISTICAL TESTS</b>                |               |               |              |             |             |
| POLY 3                                  | P=0.295       | P=0.246N      | P=0.198      | P=0.452     | P=0.568     |
| POLY 1.5                                | P=0.386       | P=0.242N      | P=0.208      | P=0.473     | P=0.630     |
| POLY 6                                  | P=0.178       | P=0.255N      | P=0.178      | P=0.410     | P=0.469     |
| COCH-ARM / FISHERS                      | P=0.498       | P=0.247N      | P=0.218      | P=0.490     | P=0.692N    |
| MAX-ISO-POLY-3                          | P=0.289       | P=0.084N      | P=0.109      | P=0.289     | P=0.385     |
| HISTCONT SAME RTE                       | (e)           | (e)           | (e)          | (e)         | (e)         |
| HISTCONT ALL RTES                       | (e)           | (e)           | (e)          | (e)         | (e)         |
| CURR VS HC SAME RTE                     | (e)           |               |              |             |             |
| CURR VS HC ALL RTES                     | (e)           |               |              |             |             |

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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/NCTR)  
 TERMINAL SACRIFICE AT 106 WEEKS**

| DOSE                                      | Males         |               |              |             |             |
|---|---------------|---------------|--------------|-------------|-------------|
|   | CONTROL WATER | 0.0875 GLYCID | 0.175 GLYCID | 0.35 GLYCID | 0.70 GLYCID |
| <b>Clitoral/Preputial Gland Carcinoma</b> |               |               |              |             |             |
| <b>TUMOR RATES</b>                        |               |               |              |             |             |
| OVERALL (a)                               | 6/48 (13%)    | 1/48 (2%)     | 2/48 (4%)    | 6/47 (13%)  | 4/48 (8%)   |
| POLY-3 RATE (b)                           | 6/37.98       | 1/36.62       | 2/36.92      | 6/35.29     | 4/29.22     |
| POLY-3 PERCENT (g)                        | 15.8%         | 2.7%          | 5.4%         | 17%         | 13.7%       |
| TERMINAL (d)                              | 4/21 (19%)    | 0/18 (0%)     | 0/15 (0%)    | 1/7 (14%)   | 0/2 (0%)    |
| FIRST INCIDENCE                           | 702           | 632           | 535          | 551         | 428         |
| HC TUMORS SAME ROUTE                      | 0/0 (0%)      |               |              |             |             |
| HC TUMORS ALL ROUTES                      | 0/0 (0%)      |               |              |             |             |
| <b>STATISTICAL TESTS</b>                  |               |               |              |             |             |
| POLY 3                                    | P=0.276       | P=0.059N      | P=0.138N     | P=0.570     | P=0.541N    |
| POLY 1.5                                  | P=0.342       | P=0.057N      | P=0.134N     | P=0.592     | P=0.459N    |
| POLY 6                                    | P=0.191       | P=0.064N      | P=0.150N     | P=0.515     | P=0.599     |
| COCH-ARM / FISHERS                        | P=0.430       | P=0.056N      | P=0.134N     | P=0.605     | P=0.370N    |
| MAX-ISO-POLY-3                            | P=0.349       | P=0.027N*     | P=0.074N     | P=0.446     | P=0.415N    |
| HISTCONT SAME RTE                         | (e)           | (e)           | (e)          | (e)         | (e)         |
| HISTCONT ALL RTES                         | (e)           | (e)           | (e)          | (e)         | (e)         |
| CURR VS HC SAME RTE                       | (e)           |               |              |             |             |
| CURR VS HC ALL RTES                       | (e)           |               |              |             |             |

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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/NCTR)  
 TERMINAL SACRIFICE AT 106 WEEKS**

| DOSE   | Males         |               |              |             |             |
|--|---------------|---------------|--------------|-------------|-------------|
|  | CONTROL WATER | 0.0875 GLYCID | 0.175 GLYCID | 0.35 GLYCID | 0.70 GLYCID |
| <b>Clitoral/Preputial Gland<br/>Carcinoma or Adenoma</b> |               |               |              |             |             |
| <b>TUMOR RATES</b>                                       |               |               |              |             |             |
| OVERALL (a)  | 8/48 (17%)    | 1/48 (2%)     | 7/48 (15%)   | 9/47 (19%)  | 6/48 (13%)  |
| POLY-3 RATE (b)  | 8/37.98       | 1/36.62       | 7/37.27      | 9/35.94     | 6/29.56     |
| POLY-3 PERCENT (g)                                       | 21.1%         | 2.7%          | 18.8%        | 25.1%       | 20.3%       |
| TERMINAL (d)   | 6/21 (29%)    | 0/18 (0%)     | 3/15 (20%)   | 1/7 (14%)   | 0/2 (0%)    |
| FIRST INCIDENCE  | 702           | 632           | 535          | 551         | 428         |
| HC TUMORS SAME ROUTE                                     | 0/0 (0%)      |               |              |             |             |
| HC TUMORS ALL ROUTES                                     | 0/0 (0%)      |               |              |             |             |
| <b>STATISTICAL TESTS</b>                                 |               |               |              |             |             |
| POLY 3   | P=0.194       | P=0.016N*     | P=0.516N     | P=0.448     | P=0.589N    |
| POLY 1.5   | P=0.275       | P=0.016N*     | P=0.505N     | P=0.469     | P=0.492N    |
| POLY 6   | P=0.105       | P=0.018N*     | P=0.546N     | P=0.396     | P=0.500     |
| COCH-ARM / FISHERS                                       | P=0.390       | P=0.015N*     | P=0.500N     | P=0.481     | P=0.387N    |
| MAX-ISO-POLY-3   | P=0.267       | P=0.007N**    | P=0.402N     | P=0.343     | P=0.472N    |
| HISTCONT SAME RTE  | (e)           | (e)           | (e)          | (e)         | (e)         |
| HISTCONT ALL RTES  | (e)           | (e)           | (e)          | (e)         | (e)         |
| CURR VS HC SAME RTE                                      | (e)           |               |              |             |             |
| CURR VS HC ALL RTES                                      | (e)           |               |              |             |             |

Experiment Number: 20314 - 03  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: RATS/F 344/NCTR

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Glycidamide  
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014  
 Time Report Requested: 07:40:57  
 First Dose M/F: 05/30/05 / 05/30/05  
 Lab: NCTR

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/NCTR)  
 TERMINAL SACRIFICE AT 106 WEEKS**

| DOSE  | Males         |               |              |             |             |
|---|---------------|---------------|--------------|-------------|-------------|
|   | CONTROL WATER | 0.0875 GLYCID | 0.175 GLYCID | 0.35 GLYCID | 0.70 GLYCID |
| <b>Clitoral/Preputial Gland<br/>Squamous Cell Carcinoma</b> |               |               |              |             |             |
| <b>TUMOR RATES</b>  |               |               |              |             |             |
| OVERALL (a)   | 6/48 (13%)    | 5/48 (10%)    | 4/48 (8%)    | 4/47 (9%)   | 3/48 (6%)   |
| POLY-3 RATE (b)   | 6/39.66       | 5/38.11       | 4/36.71      | 4/34.48     | 3/28.33     |
| POLY-3 PERCENT (g)  | 15.1%         | 13.1%         | 10.9%        | 11.6%       | 10.6%       |
| TERMINAL (d)  | 1/21 (5%)     | 0/18 (0%)     | 1/15 (7%)    | 1/7 (14%)   | 0/2 (0%)    |
| FIRST INCIDENCE   | 527           | 466           | 578          | 586         | 534         |
| HC TUMORS SAME ROUTE  | 0/0 (0%)      |               |              |             |             |
| HC TUMORS ALL ROUTES  | 0/0 (0%)      |               |              |             |             |
| <b>STATISTICAL TESTS</b>                                    |               |               |              |             |             |
| POLY 3  | P=0.347N      | P=0.528N      | P=0.417N     | P=0.459N    | P=0.429N    |
| POLY 1.5  | P=0.273N      | P=0.514N      | P=0.392N     | P=0.419N    | P=0.336N    |
| POLY 6  | P=0.471N      | P=0.555N      | P=0.466N     | P=0.539N    | P=0.578N    |
| COCH-ARM / FISHERS  | P=0.195N      | P=0.500N      | P=0.370N     | P=0.384N    | P=0.243N    |
| MAX-ISO-POLY-3  | P=0.552N      | P=0.401N      | P=0.299N     | P=0.338N    | P=0.321N    |
| HISTCONT SAME RTE   | (e)           | (e)           | (e)          | (e)         | (e)         |
| HISTCONT ALL RTES   | (e)           | (e)           | (e)          | (e)         | (e)         |
| CURR VS HC SAME RTE   | (e)           |               |              |             |             |
| CURR VS HC ALL RTES   | (e)           |               |              |             |             |

Experiment Number: 20314 - 03  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: RATS/F 344/NCTR

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Glycidamide  
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014  
 Time Report Requested: 07:40:57  
 First Dose M/F: 05/30/05 / 05/30/05  
 Lab: NCTR

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/NCTR)  
 TERMINAL SACRIFICE AT 106 WEEKS**

| DOSE  | Males         |               |              |             |             |
|---|---------------|---------------|--------------|-------------|-------------|
|   | CONTROL WATER | 0.0875 GLYCID | 0.175 GLYCID | 0.35 GLYCID | 0.70 GLYCID |
| <b>Clitoral/Preputial Gland<br/>Squamous Cell Papilloma</b> |               |               |              |             |             |
| <b>TUMOR RATES</b>  |               |               |              |             |             |
| OVERALL (a)   | 0/48 (0%)     | 1/48 (2%)     | 0/48 (0%)    | 0/47 (0%)   | 0/48 (0%)   |
| POLY-3 RATE (b)   | 0/37.83       | 1/36.48       | 0/36.09      | 0/33.45     | 0/26.75     |
| POLY-3 PERCENT (g)  | 0%            | 2.7%          | 0%           | 0%          | 0%          |
| TERMINAL (d)  | 0/21 (0%)     | 0/18 (0%)     | 0/15 (0%)    | 0/7 (0%)    | 0/2 (0%)    |
| FIRST INCIDENCE   | ---           | 675           | ---          | ---         | ---         |
| HC TUMORS SAME ROUTE  | 0/0 (0%)      |               |              |             |             |
| HC TUMORS ALL ROUTES  | 0/0 (0%)      |               |              |             |             |
| <b>STATISTICAL TESTS</b>                                    |               |               |              |             |             |
| POLY 3  | (n)           | (n)           | (n)          | (n)         | (n)         |
| POLY 1.5  | (n)           | (n)           | (n)          | (n)         | (n)         |
| POLY 6  | (n)           | (n)           | (n)          | (n)         | (n)         |
| COCH-ARM / FISHERS  | (n)           | (n)           | (n)          | (n)         | (n)         |
| MAX-ISO-POLY-3  | (n)           | (n)           | (n)          | (n)         | (n)         |
| HISTCONT SAME RTE   | (n)           | (n)           | (n)          | (n)         | (n)         |
| HISTCONT ALL RTES   | (n)           | (n)           | (n)          | (n)         | (n)         |
| CURR VS HC SAME RTE   | (n)           |               |              |             |             |
| CURR VS HC ALL RTES   | (n)           |               |              |             |             |

Experiment Number: 20314 - 03  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: RATS/F 344/NCTR

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Glycidamide  
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014  
 Time Report Requested: 07:40:57  
 First Dose M/F: 05/30/05 / 05/30/05  
 Lab: NCTR

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/NCTR)  
 TERMINAL SACRIFICE AT 106 WEEKS**

| DOSE                        | Males         |               |              |             |             |
|-----------------------------|---------------|---------------|--------------|-------------|-------------|
|                             | CONTROL WATER | 0.0875 GLYCID | 0.175 GLYCID | 0.35 GLYCID | 0.70 GLYCID |
| <b>Heart</b>                |               |               |              |             |             |
| <b>Schwannoma Malignant</b> |               |               |              |             |             |
| <b>TUMOR RATES</b>          |               |               |              |             |             |
| OVERALL (a)                 | 2/48 (4%)     | 3/48 (6%)     | 3/48 (6%)    | 7/47 (15%)  | 8/48 (17%)  |
| POLY-3 RATE (b)             | 2/37.83       | 3/36.34       | 3/36.09      | 7/35.69     | 8/30.32     |
| POLY-3 PERCENT (g)          | 5.3%          | 8.3%          | 8.3%         | 19.6%       | 26.4%       |
| TERMINAL (d)                | 2/21 (10%)    | 2/18 (11%)    | 3/15 (20%)   | 1/7 (14%)   | 0/2 (0%)    |
| FIRST INCIDENCE             | 737 (T)       | 715           | 737 (T)      | 551         | 439         |
| HC TUMORS SAME ROUTE        | 0/0 (0%)      |               |              |             |             |
| HC TUMORS ALL ROUTES        | 0/0 (0%)      |               |              |             |             |
| <b>STATISTICAL TESTS</b>    |               |               |              |             |             |
| POLY 3                      | P=0.002**     | P=0.482       | P=0.478      | P=0.061     | P=0.016*    |
| POLY 1.5                    | P=0.004**     | P=0.490       | P=0.491      | P=0.068     | P=0.026*    |
| POLY 6                      | P<0.001**     | P=0.464       | P=0.452      | P=0.048*    | P=0.007**   |
| COCH-ARM / FISHERS          | P=0.010**     | P=0.500       | P=0.500      | P=0.074     | P=0.045*    |
| MAX-ISO-POLY-3              | P=0.004**     | P=0.309       | P=0.307      | P=0.031*    | P=0.011*    |
| HISTCONT SAME RTE           | (e)           | (e)           | (e)          | (e)         | (e)         |
| HISTCONT ALL RTES           | (e)           | (e)           | (e)          | (e)         | (e)         |
| CURR VS HC SAME RTE         | (e)           |               |              |             |             |
| CURR VS HC ALL RTES         | (e)           |               |              |             |             |

Experiment Number: 20314 - 03  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: RATS/F 344/NCTR

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Glycidamide  
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014  
 Time Report Requested: 07:40:57  
 First Dose M/F: 05/30/05 / 05/30/05  
 Lab: NCTR

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/NCTR)  
 TERMINAL SACRIFICE AT 106 WEEKS**

| DOSE                              | Males         |               |              |             |             |
|-----------------------------------|---------------|---------------|--------------|-------------|-------------|
|                                   | CONTROL WATER | 0.0875 GLYCID | 0.175 GLYCID | 0.35 GLYCID | 0.70 GLYCID |
| <b>Islets, Pancreatic Adenoma</b> |               |               |              |             |             |
| <b>TUMOR RATES</b>                |               |               |              |             |             |
| OVERALL (a)                       | 4/48 (8%)     | 2/45 (4%)     | 2/48 (4%)    | 1/45 (2%)   | 1/48 (2%)   |
| POLY-3 RATE (b)                   | 4/37.84       | 2/35.41       | 2/36.98      | 1/32.34     | 1/26.81     |
| POLY-3 PERCENT (g)                | 10.6%         | 5.7%          | 5.4%         | 3.1%        | 3.7%        |
| TERMINAL (d)                      | 3/21 (14%)    | 0/18 (0%)     | 0/15 (0%)    | 0/7 (0%)    | 0/2 (0%)    |
| FIRST INCIDENCE                   | 733           | 641           | 578          | 578         | 723         |
| HC TUMORS SAME ROUTE              | 0/0 (0%)      |               |              |             |             |
| HC TUMORS ALL ROUTES              | 0/0 (0%)      |               |              |             |             |
| <b>STATISTICAL TESTS</b>          |               |               |              |             |             |
| POLY 3                            | P=0.180N      | P=0.367N      | P=0.346N     | P=0.227N    | P=0.299N    |
| POLY 1.5                          | P=0.155N      | P=0.365N      | P=0.340N     | P=0.211N    | P=0.237N    |
| POLY 6                            | P=0.219N      | P=0.374N      | P=0.362N     | P=0.264N    | P=0.412N    |
| COCH-ARM / FISHERS                | P=0.126N      | P=0.370N      | P=0.339N     | P=0.201N    | P=0.181N    |
| MAX-ISO-POLY-3                    | P=0.286N      | P=0.224N      | P=0.207N     | P=0.126N    | P=0.194N    |
| HISTCONT SAME RTE                 | (e)           | (e)           | (e)          | (e)         | (e)         |
| HISTCONT ALL RTES                 | (e)           | (e)           | (e)          | (e)         | (e)         |
| CURR VS HC SAME RTE               | (e)           |               |              |             |             |
| CURR VS HC ALL RTES               | (e)           |               |              |             |             |

Experiment Number: 20314 - 03  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: RATS/F 344/NCTR

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Glycidamide  
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014  
 Time Report Requested: 07:40:57  
 First Dose M/F: 05/30/05 / 05/30/05  
 Lab: NCTR

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/NCTR)  
 TERMINAL SACRIFICE AT 106 WEEKS**

| DOSE   | Males         |               |              |             |             |
|--|---------------|---------------|--------------|-------------|-------------|
|  | CONTROL WATER | 0.0875 GLYCID | 0.175 GLYCID | 0.35 GLYCID | 0.70 GLYCID |
| <b>Islets, Pancreatic<br/>Carcinoma or Adenoma</b> |               |               |              |             |             |
| <b>TUMOR RATES</b>                                 |               |               |              |             |             |
| OVERALL (a)  | 5/48 (10%)    | 2/45 (4%)     | 2/48 (4%)    | 1/45 (2%)   | 1/48 (2%)   |
| POLY-3 RATE (b)                                    | 5/37.84       | 2/35.41       | 2/36.98      | 1/32.34     | 1/26.81     |
| POLY-3 PERCENT (g)                                 | 13.2%         | 5.7%          | 5.4%         | 3.1%        | 3.7%        |
| TERMINAL (d)                                       | 4/21 (19%)    | 0/18 (0%)     | 0/15 (0%)    | 0/7 (0%)    | 0/2 (0%)    |
| FIRST INCIDENCE                                    | 733           | 641           | 578          | 578         | 723         |
| HC TUMORS SAME ROUTE                               | 0/0 (0%)      |               |              |             |             |
| HC TUMORS ALL ROUTES                               | 0/0 (0%)      |               |              |             |             |
| <b>STATISTICAL TESTS</b>                           |               |               |              |             |             |
| POLY 3   | P=0.114N      | P=0.240N      | P=0.222N     | P=0.138N    | P=0.200N    |
| POLY 1.5   | P=0.097N      | P=0.240N      | P=0.218N     | P=0.126N    | P=0.147N    |
| POLY 6   | P=0.140N      | P=0.246N      | P=0.235N     | P=0.168N    | P=0.308N    |
| COCH-ARM / FISHERS                                 | P=0.077N      | P=0.245N      | P=0.218N     | P=0.117N    | P=0.102N    |
| MAX-ISO-POLY-3                                     | P=0.171N      | P=0.137N      | P=0.124N     | P=0.075N    | P=0.134N    |
| HISTCONT SAME RTE                                  | (e)           | (e)           | (e)          | (e)         | (e)         |
| HISTCONT ALL RTES                                  | (e)           | (e)           | (e)          | (e)         | (e)         |
| CURR VS HC SAME RTE                                | (e)           |               |              |             |             |
| CURR VS HC ALL RTES                                | (e)           |               |              |             |             |



Experiment Number: 20314 - 03  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: RATS/F 344/NCTR

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Glycidamide  
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014  
 Time Report Requested: 07:40:57  
 First Dose M/F: 05/30/05 / 05/30/05  
 Lab: NCTR

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/NCTR)  
 TERMINAL SACRIFICE AT 106 WEEKS**

| DOSE                          | Males         |               |              |             |             |
|-------------------------------|---------------|---------------|--------------|-------------|-------------|
|                               | CONTROL WATER | 0.0875 GLYCID | 0.175 GLYCID | 0.35 GLYCID | 0.70 GLYCID |
| <b>Liver</b>                  |               |               |              |             |             |
| <b>Hepatocellular Adenoma</b> |               |               |              |             |             |
| <b>TUMOR RATES</b>            |               |               |              |             |             |
| OVERALL (a)                   | 1/47 (2%)     | 1/47 (2%)     | 0/48 (0%)    | 0/47 (0%)   | 2/47 (4%)   |
| POLY-3 RATE (b)               | 1/37.58       | 1/35.78       | 0/36.09      | 0/33.45     | 2/26.46     |
| POLY-3 PERCENT (g)            | 2.7%          | 2.8%          | 0%           | 0%          | 7.6%        |
| TERMINAL (d)                  | 0/21 (0%)     | 1/18 (6%)     | 0/15 (0%)    | 0/7 (0%)    | 0/2 (0%)    |
| FIRST INCIDENCE               | 708           | 737 (T)       | ---          | ---         | 610         |
| HC TUMORS SAME ROUTE          | 0/0 (0%)      |               |              |             |             |
| HC TUMORS ALL ROUTES          | 0/0 (0%)      |               |              |             |             |
| <b>STATISTICAL TESTS</b>      |               |               |              |             |             |
| POLY 3                        | P=0.258       | P=0.750       | P=0.508N     | P=0.523N    | P=0.381     |
| POLY 1.5                      | P=0.272       | P=0.755       | P=0.501N     | P=0.511N    | P=0.436     |
| POLY 6                        | P=0.241       | P=0.741       | P=0.521N     | P=0.548N    | P=0.303     |
| COCH-ARM / FISHERS            | P=0.295       | P=0.753N      | P=0.495N     | P=0.500N    | P=0.500     |
| MAX-ISO-POLY-3                | P=0.165       | P=0.486       | P=0.169N     | P=0.186N    | P=0.221     |
| HISTCONT SAME RTE             | (e)           | (e)           | (e)          | (e)         | (e)         |
| HISTCONT ALL RTEs             | (e)           | (e)           | (e)          | (e)         | (e)         |
| CURR VS HC SAME RTE           | (e)           |               |              |             |             |
| CURR VS HC ALL RTEs           | (e)           |               |              |             |             |

Experiment Number: 20314 - 03  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: RATS/F 344/NCTR

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Glycidamide  
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014  
 Time Report Requested: 07:40:57  
 First Dose M/F: 05/30/05 / 05/30/05  
 Lab: NCTR

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/NCTR)  
 TERMINAL SACRIFICE AT 106 WEEKS**

| DOSE                                | Males         |               |              |             |             |
|-------------------------------------|---------------|---------------|--------------|-------------|-------------|
|                                     | CONTROL WATER | 0.0875 GLYCID | 0.175 GLYCID | 0.35 GLYCID | 0.70 GLYCID |
| <b>Lung</b>                         |               |               |              |             |             |
| <b>Alveolar/Bronchiolar Adenoma</b> |               |               |              |             |             |
| <b>TUMOR RATES</b>                  |               |               |              |             |             |
| OVERALL (a)                         | 0/48 (0%)     | 1/47 (2%)     | 0/48 (0%)    | 0/47 (0%)   | 2/47 (4%)   |
| POLY-3 RATE (b)                     | 0/37.83       | 1/35.78       | 0/36.09      | 0/33.45     | 2/26.81     |
| POLY-3 PERCENT (g)                  | 0%            | 2.8%          | 0%           | 0%          | 7.5%        |
| TERMINAL (d)                        | 0/21 (0%)     | 1/18 (6%)     | 0/15 (0%)    | 0/7 (0%)    | 0/2 (0%)    |
| FIRST INCIDENCE                     | ---           | 737 (T)       | ---          | ---         | 697         |
| HC TUMORS SAME ROUTE                | 0/0 (0%)      |               |              |             |             |
| HC TUMORS ALL ROUTES                | 0/0 (0%)      |               |              |             |             |
| <b>STATISTICAL TESTS</b>            |               |               |              |             |             |
| POLY 3                              | P=0.084       | P=0.489       | (e)          | (e)         | P=0.169     |
| POLY 1.5                            | P=0.093       | P=0.492       | (e)          | (e)         | P=0.197     |
| POLY 6                              | P=0.074       | P=0.482       | (e)          | (e)         | P=0.132     |
| COCH-ARM / FISHERS                  | P=0.107       | P=0.495       | (e)          | (e)         | P=0.242     |
| MAX-ISO-POLY-3                      | P=0.053       | P=0.156       | (e)          | (e)         | P=0.072     |
| HISTCONT SAME RTE                   | (e)           | (e)           | (e)          | (e)         | (e)         |
| HISTCONT ALL RTES                   | (e)           | (e)           | (e)          | (e)         | (e)         |
| CURR VS HC SAME RTE                 | (e)           |               |              |             |             |
| CURR VS HC ALL RTES                 | (e)           |               |              |             |             |

Experiment Number: 20314 - 03  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: RATS/F 344/NCTR

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Glycidamide  
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014  
 Time Report Requested: 07:40:57  
 First Dose M/F: 05/30/05 / 05/30/05  
 Lab: NCTR

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/NCTR)  
 TERMINAL SACRIFICE AT 106 WEEKS**

| DOSE                         | Males         |               |              |             |             |
|------------------------------|---------------|---------------|--------------|-------------|-------------|
|                              | CONTROL WATER | 0.0875 GLYCID | 0.175 GLYCID | 0.35 GLYCID | 0.70 GLYCID |
| <b>Mammary Gland Adenoma</b> |               |               |              |             |             |
| <b>TUMOR RATES</b>           | #             | #             | #            | #           | #           |
| OVERALL (a)                  | 0/48 (0%)     | 0/48 (0%)     | 1/48 (2%)    | 0/47 (0%)   | 0/48 (0%)   |
| POLY-3 RATE (b)              | 0/37.83       | 0/36.25       | 1/36.09      | 0/33.45     | 0/26.75     |
| POLY-3 PERCENT (g)           | 0%            | 0%            | 2.8%         | 0%          | 0%          |
| TERMINAL (d)                 | 0/21 (0%)     | 0/18 (0%)     | 1/15 (7%)    | 0/7 (0%)    | 0/2 (0%)    |
| FIRST INCIDENCE              | ---           | ---           | 737 (T)      | ---         | ---         |
| HC TUMORS SAME ROUTE         | 0/0 (0%)      |               |              |             |             |
| HC TUMORS ALL ROUTES         | 0/0 (0%)      |               |              |             |             |
| <b>STATISTICAL TESTS</b>     |               |               |              |             |             |
| POLY 3                       | (n)           | (n)           | (n)          | (n)         | (n)         |
| POLY 1.5                     | (n)           | (n)           | (n)          | (n)         | (n)         |
| POLY 6                       | (n)           | (n)           | (n)          | (n)         | (n)         |
| COCH-ARM / FISHERS           | (n)           | (n)           | (n)          | (n)         | (n)         |
| MAX-ISO-POLY-3               | (n)           | (n)           | (n)          | (n)         | (n)         |
| HISTCONT SAME RTE            | (n)           | (n)           | (n)          | (n)         | (n)         |
| HISTCONT ALL RTES            | (n)           | (n)           | (n)          | (n)         | (n)         |
| CURR VS HC SAME RTE          | (n)           |               |              |             |             |
| CURR VS HC ALL RTES          | (n)           |               |              |             |             |

Experiment Number: 20314 - 03  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: RATS/F 344/NCTR

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Glycidamide  
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014  
 Time Report Requested: 07:40:57  
 First Dose M/F: 05/30/05 / 05/30/05  
 Lab: NCTR

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/NCTR)  
 TERMINAL SACRIFICE AT 106 WEEKS**

| DOSE                           | Males         |               |              |             |             |
|--------------------------------|---------------|---------------|--------------|-------------|-------------|
|                                | CONTROL WATER | 0.0875 GLYCID | 0.175 GLYCID | 0.35 GLYCID | 0.70 GLYCID |
| <b>Mammary Gland Carcinoma</b> |               |               |              |             |             |
| <b>TUMOR RATES</b>             | #             | #             | #            | #           | #           |
| OVERALL (a)                    | 2/48 (4%)     | 0/48 (0%)     | 0/48 (0%)    | 1/47 (2%)   | 0/48 (0%)   |
| POLY-3 RATE (b)                | 2/38.19       | 0/36.25       | 0/36.09      | 1/33.81     | 0/26.75     |
| POLY-3 PERCENT (g)             | 5.2%          | 0%            | 0%           | 3%          | 0%          |
| TERMINAL (d)                   | 1/21 (5%)     | 0/18 (0%)     | 0/15 (0%)    | 0/7 (0%)    | 0/2 (0%)    |
| FIRST INCIDENCE                | 635           | ---           | ---          | 635         | ---         |
| HC TUMORS SAME ROUTE           | 0/0 (0%)      |               |              |             |             |
| HC TUMORS ALL ROUTES           | 0/0 (0%)      |               |              |             |             |
| <b>STATISTICAL TESTS</b>       |               |               |              |             |             |
| POLY 3                         | P=0.291N      | P=0.248N      | P=0.249N     | P=0.543N    | P=0.323N    |
| POLY 1.5                       | P=0.283N      | P=0.243N      | P=0.242N     | P=0.523N    | P=0.280N    |
| POLY 6                         | P=0.301N      | P=0.259N      | P=0.264N     | P=0.581N    | P=0.398N    |
| COCH-ARM / FISHERS             | P=0.270N      | P=0.247N      | P=0.247N     | P=0.508N    | P=0.247N    |
| MAX-ISO-POLY-3                 | P=0.171N      | P=0.086N      | P=0.087N     | P=0.324N    | P=0.156N    |
| HISTCONT SAME RTE              | (e)           | (e)           | (e)          | (e)         | (e)         |
| HISTCONT ALL RTES              | (e)           | (e)           | (e)          | (e)         | (e)         |
| CURR VS HC SAME RTE            | (e)           |               |              |             |             |
| CURR VS HC ALL RTES            | (e)           |               |              |             |             |

Experiment Number: 20314 - 03  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: RATS/F 344/NCTR

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Glycidamide  
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014  
 Time Report Requested: 07:40:57  
 First Dose M/F: 05/30/05 / 05/30/05  
 Lab: NCTR

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/NCTR)  
 TERMINAL SACRIFICE AT 106 WEEKS**

| DOSE  | Males         |               |              |             |             |
|---|---------------|---------------|--------------|-------------|-------------|
|   | CONTROL WATER | 0.0875 GLYCID | 0.175 GLYCID | 0.35 GLYCID | 0.70 GLYCID |
| <b>Mammary Gland<br/>Carcinoma or Adenoma</b> |               |               |              |             |             |
| <b>TUMOR RATES</b>                            | #             | #             | #            | #           | #           |
| OVERALL (a)                                   | 2/48 (4%)     | 0/48 (0%)     | 1/48 (2%)    | 1/47 (2%)   | 0/48 (0%)   |
| POLY-3 RATE (b)                               | 2/38.19       | 0/36.25       | 1/36.09      | 1/33.81     | 0/26.75     |
| POLY-3 PERCENT (g)                            | 5.2%          | 0%            | 2.8%         | 3%          | 0%          |
| TERMINAL (d)                                  | 1/21 (5%)     | 0/18 (0%)     | 1/15 (7%)    | 0/7 (0%)    | 0/2 (0%)    |
| FIRST INCIDENCE                               | 635           | ---           | 737 (T)      | 635         | ---         |
| HC TUMORS SAME ROUTE                          | 0/0 (0%)      |               |              |             |             |
| HC TUMORS ALL ROUTES                          | 0/0 (0%)      |               |              |             |             |
| <b>STATISTICAL TESTS</b>                      |               |               |              |             |             |
| POLY 3  | P=0.287N      | P=0.248N      | P=0.520N     | P=0.543N    | P=0.323N    |
| POLY 1.5                                      | P=0.265N      | P=0.243N      | P=0.509N     | P=0.523N    | P=0.280N    |
| POLY 6  | P=0.322N      | P=0.259N      | P=0.542N     | P=0.581N    | P=0.398N    |
| COCH-ARM / FISHERS                            | P=0.239N      | P=0.247N      | P=0.500N     | P=0.508N    | P=0.247N    |
| MAX-ISO-POLY-3                                | P=0.230N      | P=0.086N      | P=0.301N     | P=0.324N    | P=0.156N    |
| HISTCONT SAME RTE                             | (e)           | (e)           | (e)          | (e)         | (e)         |
| HISTCONT ALL RTES                             | (e)           | (e)           | (e)          | (e)         | (e)         |
| CURR VS HC SAME RTE                           | (e)           |               |              |             |             |
| CURR VS HC ALL RTES                           | (e)           |               |              |             |             |

Experiment Number: 20314 - 03  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: RATS/F 344/NCTR

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Glycidamide  
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014  
 Time Report Requested: 07:40:57  
 First Dose M/F: 05/30/05 / 05/30/05  
 Lab: NCTR

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/NCTR)  
 TERMINAL SACRIFICE AT 106 WEEKS**

| DOSE                                  | Males         |               |              |             |             |
|---------------------------------------|---------------|---------------|--------------|-------------|-------------|
|                                       | CONTROL WATER | 0.0875 GLYCID | 0.175 GLYCID | 0.35 GLYCID | 0.70 GLYCID |
| <b>Mammary Gland<br/>Fibroadenoma</b> |               |               |              |             |             |
| <b>TUMOR RATES</b>                    | #             | #             | #            | #           | #           |
| OVERALL (a)                           | 4/48 (8%)     | 6/48 (13%)    | 3/48 (6%)    | 7/47 (15%)  | 6/48 (13%)  |
| POLY-3 RATE (b)                       | 4/38.01       | 6/36.56       | 3/36.90      | 7/34.86     | 6/29.79     |
| POLY-3 PERCENT (g)                    | 10.5%         | 16.4%         | 8.1%         | 20.1%       | 20.1%       |
| TERMINAL (d)                          | 2/21 (10%)    | 4/18 (22%)    | 1/15 (7%)    | 1/7 (14%)   | 0/2 (0%)    |
| FIRST INCIDENCE                       | 702           | 675           | 449          | 632         | 446         |
| HC TUMORS SAME ROUTE                  | 0/0 (0%)      |               |              |             |             |
| HC TUMORS ALL ROUTES                  | 0/0 (0%)      |               |              |             |             |
| <b>STATISTICAL TESTS</b>              |               |               |              |             |             |
| POLY 3                                | P=0.134       | P=0.342       | P=0.516N     | P=0.207     | P=0.223     |
| POLY 1.5                              | P=0.191       | P=0.355       | P=0.505N     | P=0.229     | P=0.288     |
| POLY 6                                | P=0.073       | P=0.317       | P=0.545N     | P=0.166     | P=0.142     |
| COCH-ARM / FISHERS                    | P=0.276       | P=0.370       | P=0.500N     | P=0.249     | P=0.370     |
| MAX-ISO-POLY-3                        | P=0.234       | P=0.230       | P=0.362N     | P=0.133     | P=0.160     |
| HISTCONT SAME RTE                     | (e)           | (e)           | (e)          | (e)         | (e)         |
| HISTCONT ALL RTES                     | (e)           | (e)           | (e)          | (e)         | (e)         |
| CURR VS HC SAME RTE                   | (e)           |               |              |             |             |
| CURR VS HC ALL RTES                   | (e)           |               |              |             |             |

Experiment Number: 20314 - 03  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: RATS/F 344/NCTR

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Glycidamide  
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014  
 Time Report Requested: 07:40:57  
 First Dose M/F: 05/30/05 / 05/30/05  
 Lab: NCTR

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/NCTR)  
 TERMINAL SACRIFICE AT 106 WEEKS**

| DOSE                                    | Males         |               |              |             |             |
|---|---------------|---------------|--------------|-------------|-------------|
|   | CONTROL WATER | 0.0875 GLYCID | 0.175 GLYCID | 0.35 GLYCID | 0.70 GLYCID |
| <b>Mammary Gland</b>                    |               |               |              |             |             |
| <b>Fibroma, Fibroadenoma or Adenoma</b> |               |               |              |             |             |
| <b>TUMOR RATES</b>                      | #             | #             | #            | #           | #           |
| OVERALL (a)                             | 4/48 (8%)     | 6/48 (13%)    | 4/48 (8%)    | 7/47 (15%)  | 6/48 (13%)  |
| POLY-3 RATE (b)                         | 4/38.01       | 6/36.56       | 4/36.90      | 7/34.86     | 6/29.79     |
| POLY-3 PERCENT (g)                      | 10.5%         | 16.4%         | 10.8%        | 20.1%       | 20.1%       |
| TERMINAL (d)                            | 2/21 (10%)    | 4/18 (22%)    | 2/15 (13%)   | 1/7 (14%)   | 0/2 (0%)    |
| FIRST INCIDENCE                         | 702           | 675           | 449          | 632         | 446         |
| HC TUMORS SAME ROUTE                    | 0/0 (0%)      |               |              |             |             |
| HC TUMORS ALL ROUTES                    | 0/0 (0%)      |               |              |             |             |
| <b>STATISTICAL TESTS</b>                |               |               |              |             |             |
| POLY 3                                  | P=0.150       | P=0.342       | P=0.629      | P=0.207     | P=0.223     |
| POLY 1.5                                | P=0.212       | P=0.355       | P=0.639      | P=0.229     | P=0.288     |
| POLY 6                                  | P=0.081       | P=0.317       | P=0.601      | P=0.166     | P=0.142     |
| COCH-ARM / FISHERS                      | P=0.304       | P=0.370       | P=0.643N     | P=0.249     | P=0.370     |
| MAX-ISO-POLY-3                          | P=0.261       | P=0.230       | P=0.482      | P=0.133     | P=0.160     |
| HISTCONT SAME RTE                       | (e)           | (e)           | (e)          | (e)         | (e)         |
| HISTCONT ALL RTES                       | (e)           | (e)           | (e)          | (e)         | (e)         |
| CURR VS HC SAME RTE                     | (e)           |               |              |             |             |
| CURR VS HC ALL RTES                     | (e)           |               |              |             |             |

Experiment Number: 20314 - 03  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: RATS/F 344/NCTR

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Glycidamide  
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014  
 Time Report Requested: 07:40:57  
 First Dose M/F: 05/30/05 / 05/30/05  
 Lab: NCTR

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/NCTR)  
 TERMINAL SACRIFICE AT 106 WEEKS**

| DOSE  | Males         |               |              |             |             |
|---|---------------|---------------|--------------|-------------|-------------|
|   | CONTROL WATER | 0.0875 GLYCID | 0.175 GLYCID | 0.35 GLYCID | 0.70 GLYCID |
| <b>Mammary Gland</b>                                |               |               |              |             |             |
| <b>Fibroma, Fibroadenoma, Carcinoma, or Adenoma</b> |               |               |              |             |             |
| <b>TUMOR RATES</b>                                  | #             | #             | #            | #           | #           |
| OVERALL (a)   | 6/48 (13%)    | 6/48 (13%)    | 4/48 (8%)    | 8/47 (17%)  | 6/48 (13%)  |
| POLY-3 RATE (b)                                     | 6/38.37       | 6/36.56       | 4/36.90      | 8/35.22     | 6/29.79     |
| POLY-3 PERCENT (g)                                  | 15.6%         | 16.4%         | 10.8%        | 22.7%       | 20.1%       |
| TERMINAL (d)  | 3/21 (14%)    | 4/18 (22%)    | 2/15 (13%)   | 1/7 (14%)   | 0/2 (0%)    |
| FIRST INCIDENCE                                     | 635           | 675           | 449          | 632         | 446         |
| HC TUMORS SAME ROUTE                                | 0/0 (0%)      |               |              |             |             |
| HC TUMORS ALL ROUTES                                | 0/0 (0%)      |               |              |             |             |
| <b>STATISTICAL TESTS</b>                            |               |               |              |             |             |
| POLY 3  | P=0.247       | P=0.589       | P=0.392N     | P=0.316     | P=0.435     |
| POLY 1.5  | P=0.330       | P=0.604       | P=0.377N     | P=0.346     | P=0.524     |
| POLY 6  | P=0.146       | P=0.556       | P=0.430N     | P=0.259     | P=0.304     |
| COCH-ARM / FISHERS                                  | P=0.442       | P=0.621N      | P=0.370N     | P=0.370     | P=0.621N    |
| MAX-ISO-POLY-3                                      | P=0.430       | P=0.464       | P=0.274N     | P=0.225     | P=0.333     |
| HISTCONT SAME RTE                                   | (e)           | (e)           | (e)          | (e)         | (e)         |
| HISTCONT ALL RTES                                   | (e)           | (e)           | (e)          | (e)         | (e)         |
| CURR VS HC SAME RTE                                 | (e)           |               |              |             |             |
| CURR VS HC ALL RTES                                 | (e)           |               |              |             |             |



Experiment Number: 20314 - 03  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: RATS/F 344/NCTR

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Glycidamide  
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014  
 Time Report Requested: 07:40:57  
 First Dose M/F: 05/30/05 / 05/30/05  
 Lab: NCTR

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/NCTR)  
 TERMINAL SACRIFICE AT 106 WEEKS**

| DOSE  | Males         |               |              |             |             |
|---|---------------|---------------|--------------|-------------|-------------|
|   | CONTROL WATER | 0.0875 GLYCID | 0.175 GLYCID | 0.35 GLYCID | 0.70 GLYCID |
| <b>Oral Cavity (Oral Mucosa, Tongue, Pharynx, Tooth, Gingiva)</b> |               |               |              |             |             |
| <b>Papilloma Squamous or Papilloma</b>                            |               |               |              |             |             |
| <b>TUMOR RATES</b>  | #             | #             | #            | #           | #           |
| OVERALL (a)   | 1/48 (2%)     | 2/48 (4%)     | 0/48 (0%)    | 2/47 (4%)   | 7/48 (15%)  |
| POLY-3 RATE (b)   | 1/37.83       | 2/36.91       | 0/36.09      | 2/33.95     | 7/29.38     |
| POLY-3 PERCENT (g)  | 2.6%          | 5.4%          | 0%           | 5.9%        | 23.8%       |
| TERMINAL (d)  | 1/21 (5%)     | 0/18 (0%)     | 0/15 (0%)    | 1/7 (14%)   | 0/2 (0%)    |
| FIRST INCIDENCE   | 737 (T)       | 641           | ---          | 586         | 516         |
| HC TUMORS SAME ROUTE  | 0/0 (0%)      |               |              |             |             |
| HC TUMORS ALL ROUTES  | 0/0 (0%)      |               |              |             |             |
| <b>STATISTICAL TESTS</b>  |               |               |              |             |             |
| POLY 3  | P<0.001**     | P=0.491       | P=0.509N     | P=0.462     | P=0.010**   |
| POLY 1.5  | P<0.001**     | P=0.495       | P=0.504N     | P=0.479     | P=0.017*    |
| POLY 6  | P<0.001**     | P=0.483       | P=0.521N     | P=0.426     | P=0.004**   |
| COCH-ARM / FISHERS  | P=0.002**     | P=0.500       | P=0.500N     | P=0.492     | P=0.029*    |
| MAX-ISO-POLY-3  | P<0.001**     | P=0.274       | P=0.169N     | P=0.257     | P=0.007**   |
| HISTCONT SAME RTE   | (e)           | (e)           | (e)          | (e)         | (e)         |
| HISTCONT ALL RTES   | (e)           | (e)           | (e)          | (e)         | (e)         |
| CURR VS HC SAME RTE   | (e)           |               |              |             |             |
| CURR VS HC ALL RTES   | (e)           |               |              |             |             |

Experiment Number: 20314 - 03  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: RATS/F 344/NCTR

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Glycidamide  
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014  
 Time Report Requested: 07:40:57  
 First Dose M/F: 05/30/05 / 05/30/05  
 Lab: NCTR

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/NCTR)  
 TERMINAL SACRIFICE AT 106 WEEKS**

| DOSE  | Males         |               |              |             |             |
|---|---------------|---------------|--------------|-------------|-------------|
|   | CONTROL WATER | 0.0875 GLYCID | 0.175 GLYCID | 0.35 GLYCID | 0.70 GLYCID |
| <b>Oral Cavity (Oral Mucosa, Tongue, Pharynx, Tooth, Gingiva)</b> |               |               |              |             |             |
| <b>Squamous Cell Carcinoma</b>                                    |               |               |              |             |             |
| <b>TUMOR RATES</b>  | #             | #             | #            | #           | #           |
| OVERALL (a)   | 1/48 (2%)     | 0/48 (0%)     | 2/48 (4%)    | 1/47 (2%)   | 0/48 (0%)   |
| POLY-3 RATE (b)   | 1/37.88       | 0/36.25       | 2/36.81      | 1/33.81     | 0/26.75     |
| POLY-3 PERCENT (g)  | 2.6%          | 0%            | 5.4%         | 3%          | 0%          |
| TERMINAL (d)  | 0/21 (0%)     | 0/18 (0%)     | 0/15 (0%)    | 0/7 (0%)    | 0/2 (0%)    |
| FIRST INCIDENCE   | 725           | ---           | 498          | 634         | ---         |
| HC TUMORS SAME ROUTE  | 0/0 (0%)      |               |              |             |             |
| HC TUMORS ALL ROUTES  | 0/0 (0%)      |               |              |             |             |
| <b>STATISTICAL TESTS</b>  |               |               |              |             |             |
| POLY 3  | P=0.455N      | P=0.509N      | P=0.490      | P=0.736     | P=0.567N    |
| POLY 1.5  | P=0.411N      | P=0.505N      | P=0.497      | P=0.747     | P=0.536N    |
| POLY 6  | P=0.530N      | P=0.517N      | P=0.474      | P=0.711     | P=0.615N    |
| COCH-ARM / FISHERS  | P=0.362N      | P=0.500N      | P=0.500      | P=0.747     | P=0.500N    |
| MAX-ISO-POLY-3  | P=0.483N      | P=0.168N      | P=0.273      | P=0.469     | P=0.238N    |
| HISTCONT SAME RTE   | (e)           | (e)           | (e)          | (e)         | (e)         |
| HISTCONT ALL RTES   | (e)           | (e)           | (e)          | (e)         | (e)         |
| CURR VS HC SAME RTE   | (e)           |               |              |             |             |
| CURR VS HC ALL RTES   | (e)           |               |              |             |             |

Experiment Number: 20314 - 03  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: RATS/F 344/NCTR

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Glycidamide  
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014  
 Time Report Requested: 07:40:57  
 First Dose M/F: 05/30/05 / 05/30/05  
 Lab: NCTR

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/NCTR)  
 TERMINAL SACRIFICE AT 106 WEEKS**

| DOSE  | Males         |               |              |             |             |
|---|---------------|---------------|--------------|-------------|-------------|
|   | CONTROL WATER | 0.0875 GLYCID | 0.175 GLYCID | 0.35 GLYCID | 0.70 GLYCID |
| <b>Oral Cavity (Oral Mucosa, Tongue, Pharynx, Tooth, Gingiva)<br/>Squamous Cell Carcinoma, Papilloma Squamous, or Papilloma</b> |               |               |              |             |             |
| <b>TUMOR RATES</b>  | #             | #             | #            | #           | #           |
| OVERALL (a)   | 2/48 (4%)     | 2/48 (4%)     | 2/48 (4%)    | 3/47 (6%)   | 7/48 (15%)  |
| POLY-3 RATE (b)   | 2/37.88       | 2/36.91       | 2/36.81      | 3/34.31     | 7/29.38     |
| POLY-3 PERCENT (g)  | 5.3%          | 5.4%          | 5.4%         | 8.7%        | 23.8%       |
| TERMINAL (d)  | 1/21 (5%)     | 0/18 (0%)     | 0/15 (0%)    | 1/7 (14%)   | 0/2 (0%)    |
| FIRST INCIDENCE   | 725           | 641           | 498          | 586         | 516         |
| HC TUMORS SAME ROUTE  | 0/0 (0%)      |               |              |             |             |
| HC TUMORS ALL ROUTES  | 0/0 (0%)      |               |              |             |             |
| <b>STATISTICAL TESTS</b>  |               |               |              |             |             |
| POLY 3  | P=0.005**     | P=0.686       | P=0.685      | P=0.455     | P=0.030*    |
| POLY 1.5  | P=0.008**     | P=0.689       | P=0.691      | P=0.475     | P=0.048*    |
| POLY 6  | P=0.003**     | P=0.677       | P=0.669      | P=0.412     | P=0.014*    |
| COCH-ARM / FISHERS  | P=0.014*      | P=0.692N      | P=0.692N     | P=0.490     | P=0.079     |
| MAX-ISO-POLY-3  | P=0.009**     | P=0.489       | P=0.488      | P=0.291     | P=0.022*    |
| HISTCONT SAME RTE   | (e)           | (e)           | (e)          | (e)         | (e)         |
| HISTCONT ALL RTES   | (e)           | (e)           | (e)          | (e)         | (e)         |
| CURR VS HC SAME RTE   | (e)           |               |              |             |             |
| CURR VS HC ALL RTES   | (e)           |               |              |             |             |

Experiment Number: 20314 - 03  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: RATS/F 344/NCTR

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Glycidamide  
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014  
 Time Report Requested: 07:40:57  
 First Dose M/F: 05/30/05 / 05/30/05  
 Lab: NCTR

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/NCTR)  
 TERMINAL SACRIFICE AT 106 WEEKS**

| DOSE                           | Males         |               |              |             |             |
|--------------------------------|---------------|---------------|--------------|-------------|-------------|
|                                | CONTROL WATER | 0.0875 GLYCID | 0.175 GLYCID | 0.35 GLYCID | 0.70 GLYCID |
| <b>Oral Mucosa</b>             |               |               |              |             |             |
| <b>Squamous Cell Carcinoma</b> |               |               |              |             |             |
| <b>TUMOR RATES</b>             | #             | #             | #            | #           | #           |
| OVERALL (a)                    | 1/48 (2%)     | 0/48 (0%)     | 1/48 (2%)    | 1/47 (2%)   | 0/48 (0%)   |
| POLY-3 RATE (b)                | 1/37.88       | 0/36.25       | 1/36.12      | 1/33.81     | 0/26.75     |
| POLY-3 PERCENT (g)             | 2.6%          | 0%            | 2.8%         | 3%          | 0%          |
| TERMINAL (d)                   | 0/21 (0%)     | 0/18 (0%)     | 0/15 (0%)    | 0/7 (0%)    | 0/2 (0%)    |
| FIRST INCIDENCE                | 725           | ---           | 730          | 634         | ---         |
| HC TUMORS SAME ROUTE           | 0/0 (0%)      |               |              |             |             |
| HC TUMORS ALL ROUTES           | 0/0 (0%)      |               |              |             |             |
| <b>STATISTICAL TESTS</b>       |               |               |              |             |             |
| POLY 3                         | (n)           | (n)           | (n)          | (n)         | (n)         |
| POLY 1.5                       | (n)           | (n)           | (n)          | (n)         | (n)         |
| POLY 6                         | (n)           | (n)           | (n)          | (n)         | (n)         |
| COCH-ARM / FISHERS             | (n)           | (n)           | (n)          | (n)         | (n)         |
| MAX-ISO-POLY-3                 | (n)           | (n)           | (n)          | (n)         | (n)         |
| HISTCONT SAME RTE              | (n)           | (n)           | (n)          | (n)         | (n)         |
| HISTCONT ALL RTES              | (n)           | (n)           | (n)          | (n)         | (n)         |
| CURR VS HC SAME RTE            | (n)           |               |              |             |             |
| CURR VS HC ALL RTES            | (n)           |               |              |             |             |

Experiment Number: 20314 - 03  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: RATS/F 344/NCTR

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Glycidamide  
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014  
 Time Report Requested: 07:40:57  
 First Dose M/F: 05/30/05 / 05/30/05  
 Lab: NCTR

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/NCTR)  
 TERMINAL SACRIFICE AT 106 WEEKS**

| DOSE                           | Males         |               |              |             |             |
|--------------------------------|---------------|---------------|--------------|-------------|-------------|
|                                | CONTROL WATER | 0.0875 GLYCID | 0.175 GLYCID | 0.35 GLYCID | 0.70 GLYCID |
| <b>Oral Mucosa</b>             |               |               |              |             |             |
| <b>Squamous Cell Papilloma</b> |               |               |              |             |             |
| <b>TUMOR RATES</b>             | #             | #             | #            | #           | #           |
| OVERALL (a)                    | 1/48 (2%)     | 1/48 (2%)     | 0/48 (0%)    | 2/47 (4%)   | 3/48 (6%)   |
| POLY-3 RATE (b)                | 1/37.83       | 1/36.59       | 0/36.09      | 2/33.95     | 3/27.52     |
| POLY-3 PERCENT (g)             | 2.6%          | 2.7%          | 0%           | 5.9%        | 10.9%       |
| TERMINAL (d)                   | 1/21 (5%)     | 0/18 (0%)     | 0/15 (0%)    | 1/7 (14%)   | 0/2 (0%)    |
| FIRST INCIDENCE                | 737 (T)       | 641           | ---          | 586         | 624         |
| HC TUMORS SAME ROUTE           | 0/0 (0%)      |               |              |             |             |
| HC TUMORS ALL ROUTES           | 0/0 (0%)      |               |              |             |             |
| <b>STATISTICAL TESTS</b>       |               |               |              |             |             |
| POLY 3                         | P=0.050*      | P=0.754       | P=0.509N     | P=0.462     | P=0.202     |
| POLY 1.5                       | P=0.064       | P=0.757       | P=0.504N     | P=0.479     | P=0.247     |
| POLY 6                         | P=0.035*      | P=0.747       | P=0.521N     | P=0.426     | P=0.145     |
| COCH-ARM / FISHERS             | P=0.087       | P=0.753N      | P=0.500N     | P=0.492     | P=0.308     |
| MAX-ISO-POLY-3                 | P=0.084       | P=0.490       | P=0.169N     | P=0.257     | P=0.118     |
| HISTCONT SAME RTE              | (e)           | (e)           | (e)          | (e)         | (e)         |
| HISTCONT ALL RTES              | (e)           | (e)           | (e)          | (e)         | (e)         |
| CURR VS HC SAME RTE            | (e)           |               |              |             |             |
| CURR VS HC ALL RTES            | (e)           |               |              |             |             |

Experiment Number: 20314 - 03  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: RATS/F 344/NCTR

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Glycidamide  
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014  
 Time Report Requested: 07:40:57  
 First Dose M/F: 05/30/05 / 05/30/05  
 Lab: NCTR

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/NCTR)  
 TERMINAL SACRIFICE AT 106 WEEKS**

| DOSE  | Males         |               |              |             |             |
|---|---------------|---------------|--------------|-------------|-------------|
|   | CONTROL WATER | 0.0875 GLYCID | 0.175 GLYCID | 0.35 GLYCID | 0.70 GLYCID |
| <b>Pituitary Gland: Pars Distalis or Unspecified Site Adenoma</b> |               |               |              |             |             |
| <b>TUMOR RATES</b>  |               |               |              |             |             |
| OVERALL (a)   | 28/47 (60%)   | 23/46 (50%)   | 31/48 (65%)  | 21/47 (45%) | 20/47 (43%) |
| POLY-3 RATE (b)   | 28/40.55      | 23/39.69      | 31/41.38     | 21/38.45    | 20/33.08    |
| POLY-3 PERCENT (g)  | 69.1%         | 58%           | 74.9%        | 54.6%       | 60.5%       |
| TERMINAL (d)  | 14/20 (70%)   | 9/18 (50%)    | 11/15 (73%)  | 4/7 (57%)   | 2/2 (100%)  |
| FIRST INCIDENCE   | 403           | 477           | 505          | 574         | 439         |
| HC TUMORS SAME ROUTE  | 0/0 (0%)      |               |              |             |             |
| HC TUMORS ALL ROUTES  | 0/0 (0%)      |               |              |             |             |
| <b>STATISTICAL TESTS</b>  |               |               |              |             |             |
| POLY 3  | P=0.203N      | P=0.197N      | P=0.353      | P=0.120N    | P=0.281N    |
| POLY 1.5  | P=0.100N      | P=0.212N      | P=0.369      | P=0.109N    | P=0.156N    |
| POLY 6  | P=0.441N      | P=0.188N      | P=0.331      | P=0.157N    | P=0.559N    |
| COCH-ARM / FISHERS  | P=0.038N*     | P=0.236N      | P=0.385      | P=0.108N    | P=0.074N    |
| MAX-ISO-POLY-3  | P=0.274N      | P=0.136N      | P=0.260      | P=0.082N    | P=0.217N    |
| HISTCONT SAME RTE   | (e)           | (e)           | (e)          | (e)         | (e)         |
| HISTCONT ALL RTES   | (e)           | (e)           | (e)          | (e)         | (e)         |
| CURR VS HC SAME RTE   | (e)           |               |              |             |             |
| CURR VS HC ALL RTES   | (e)           |               |              |             |             |

Experiment Number: 20314 - 03  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: RATS/F 344/NCTR

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Glycidamide  
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014  
 Time Report Requested: 07:40:57  
 First Dose M/F: 05/30/05 / 05/30/05  
 Lab: NCTR

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/NCTR)  
 TERMINAL SACRIFICE AT 106 WEEKS**

| DOSE  | Males         |               |              |             |             |
|---|---------------|---------------|--------------|-------------|-------------|
|   | CONTROL WATER | 0.0875 GLYCID | 0.175 GLYCID | 0.35 GLYCID | 0.70 GLYCID |
| <b>Pituitary Gland: Pars Distalis or Unspecified Site Carcinoma</b> |               |               |              |             |             |
| <b>TUMOR RATES</b>  |               |               |              |             |             |
| OVERALL (a)   | 0/47 (0%)     | 0/46 (0%)     | 0/48 (0%)    | 1/47 (2%)   | 0/47 (0%)   |
| POLY-3 RATE (b)   | 0/36.83       | 0/35.53       | 0/36.09      | 1/33.58     | 0/26.35     |
| POLY-3 PERCENT (g)  | 0%            | 0%            | 0%           | 3%          | 0%          |
| TERMINAL (d)  | 0/20 (0%)     | 0/18 (0%)     | 0/15 (0%)    | 0/7 (0%)    | 0/2 (0%)    |
| FIRST INCIDENCE   | ---           | ---           | ---          | 703         | ---         |
| HC TUMORS SAME ROUTE  | 0/0 (0%)      |               |              |             |             |
| HC TUMORS ALL ROUTES  | 0/0 (0%)      |               |              |             |             |
| <b>STATISTICAL TESTS</b>  |               |               |              |             |             |
| POLY 3  | (n)           | (n)           | (n)          | (n)         | (n)         |
| POLY 1.5  | (n)           | (n)           | (n)          | (n)         | (n)         |
| POLY 6  | (n)           | (n)           | (n)          | (n)         | (n)         |
| COCH-ARM / FISHERS  | (n)           | (n)           | (n)          | (n)         | (n)         |
| MAX-ISO-POLY-3  | (n)           | (n)           | (n)          | (n)         | (n)         |
| HISTCONT SAME RTE   | (n)           | (n)           | (n)          | (n)         | (n)         |
| HISTCONT ALL RTES   | (n)           | (n)           | (n)          | (n)         | (n)         |
| CURR VS HC SAME RTE   | (n)           |               |              |             |             |
| CURR VS HC ALL RTES   | (n)           |               |              |             |             |

Experiment Number: 20314 - 03  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: RATS/F 344/NCTR

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Glycidamide  
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014  
 Time Report Requested: 07:40:57  
 First Dose M/F: 05/30/05 / 05/30/05  
 Lab: NCTR

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/NCTR)  
 TERMINAL SACRIFICE AT 106 WEEKS**

| DOSE   | Males         |               |              |             |             |
|--|---------------|---------------|--------------|-------------|-------------|
|  | CONTROL WATER | 0.0875 GLYCID | 0.175 GLYCID | 0.35 GLYCID | 0.70 GLYCID |
| <b>Pituitary Gland: Pars Distalis or Unspecified Site<br/>Carcinoma or Adenoma</b> |               |               |              |             |             |
| <b>TUMOR RATES</b>   |               |               |              |             |             |
| OVERALL (a)  | 28/47 (60%)   | 23/46 (50%)   | 31/48 (65%)  | 22/47 (47%) | 20/47 (43%) |
| POLY-3 RATE (b)  | 28/40.55      | 23/39.69      | 31/41.38     | 22/38.58    | 20/33.08    |
| POLY-3 PERCENT (g)   | 69.1%         | 58%           | 74.9%        | 57%         | 60.5%       |
| TERMINAL (d)   | 14/20 (70%)   | 9/18 (50%)    | 11/15 (73%)  | 4/7 (57%)   | 2/2 (100%)  |
| FIRST INCIDENCE  | 403           | 477           | 505          | 574         | 439         |
| HC TUMORS SAME ROUTE   | 0/0 (0%)      |               |              |             |             |
| HC TUMORS ALL ROUTES   | 0/0 (0%)      |               |              |             |             |
| <b>STATISTICAL TESTS</b>   |               |               |              |             |             |
| POLY 3   | P=0.225N      | P=0.197N      | P=0.353      | P=0.172N    | P=0.281N    |
| POLY 1.5   | P=0.112N      | P=0.212N      | P=0.369      | P=0.157N    | P=0.156N    |
| POLY 6   | P=0.478N      | P=0.188N      | P=0.331      | P=0.220N    | P=0.559N    |
| COCH-ARM / FISHERS   | P=0.041N*     | P=0.236N      | P=0.385      | P=0.151N    | P=0.074N    |
| MAX-ISO-POLY-3   | P=0.323N      | P=0.136N      | P=0.260      | P=0.121N    | P=0.217N    |
| HISTCONT SAME RTE  | (e)           | (e)           | (e)          | (e)         | (e)         |
| HISTCONT ALL RTEs  | (e)           | (e)           | (e)          | (e)         | (e)         |
| CURR VS HC SAME RTE  | (e)           |               |              |             |             |
| CURR VS HC ALL RTEs  | (e)           |               |              |             |             |



Experiment Number: 20314 - 03  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: RATS/F 344/NCTR

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Glycidamide  
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014  
 Time Report Requested: 07:40:57  
 First Dose M/F: 05/30/05 / 05/30/05  
 Lab: NCTR

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/NCTR)  
 TERMINAL SACRIFICE AT 106 WEEKS**

| DOSE                     | Males         |               |              |             |             |
|--------------------------|---------------|---------------|--------------|-------------|-------------|
|                          | CONTROL WATER | 0.0875 GLYCID | 0.175 GLYCID | 0.35 GLYCID | 0.70 GLYCID |
| <b>Prostate Adenoma</b>  |               |               |              |             |             |
| <b>TUMOR RATES</b>       |               |               |              |             |             |
| OVERALL (a)              | 1/47 (2%)     | 1/47 (2%)     | 0/48 (0%)    | 3/47 (6%)   | 1/48 (2%)   |
| POLY-3 RATE (b)          | 1/37.56       | 1/36.03       | 0/36.09      | 3/33.81     | 1/26.81     |
| POLY-3 PERCENT (g)       | 2.7%          | 2.8%          | 0%           | 8.9%        | 3.7%        |
| TERMINAL (d)             | 0/21 (0%)     | 0/18 (0%)     | 0/15 (0%)    | 1/7 (14%)   | 0/2 (0%)    |
| FIRST INCIDENCE          | 733           | 559           | ---          | 682         | 723         |
| HC TUMORS SAME ROUTE     | 0/0 (0%)      |               |              |             |             |
| HC TUMORS ALL ROUTES     | 0/0 (0%)      |               |              |             |             |
| <b>STATISTICAL TESTS</b> |               |               |              |             |             |
| POLY 3                   | P=0.276       | P=0.752       | P=0.508N     | P=0.267     | P=0.680     |
| POLY 1.5                 | P=0.352       | P=0.756       | P=0.501N     | P=0.287     | P=0.722     |
| POLY 6                   | P=0.181       | P=0.745       | P=0.520N     | P=0.231     | P=0.608     |
| COCH-ARM / FISHERS       | P=0.448       | P=0.753N      | P=0.495N     | P=0.308     | P=0.747N    |
| MAX-ISO-POLY-3           | P=0.353       | P=0.488       | P=0.168N     | P=0.139     | P=0.419     |
| HISTCONT SAME RTE        | (e)           | (e)           | (e)          | (e)         | (e)         |
| HISTCONT ALL RTES        | (e)           | (e)           | (e)          | (e)         | (e)         |
| CURR VS HC SAME RTE      | (e)           |               |              |             |             |
| CURR VS HC ALL RTES      | (e)           |               |              |             |             |

Experiment Number: 20314 - 03  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: RATS/F 344/NCTR

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Glycidamide  
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014  
 Time Report Requested: 07:40:57  
 First Dose M/F: 05/30/05 / 05/30/05  
 Lab: NCTR

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/NCTR)  
 TERMINAL SACRIFICE AT 106 WEEKS**

| DOSE                      | Males         |               |              |             |             |
|---------------------------|---------------|---------------|--------------|-------------|-------------|
|                           | CONTROL WATER | 0.0875 GLYCID | 0.175 GLYCID | 0.35 GLYCID | 0.70 GLYCID |
| <b>Skin</b>               |               |               |              |             |             |
| <b>Basal Cell Adenoma</b> |               |               |              |             |             |
| <b>TUMOR RATES</b>        | #             | #             | #            | #           | #           |
| OVERALL (a)               | 1/48 (2%)     | 0/48 (0%)     | 2/48 (4%)    | 1/47 (2%)   | 0/48 (0%)   |
| POLY-3 RATE (b)           | 1/37.83       | 0/36.25       | 2/36.40      | 1/33.62     | 0/26.75     |
| POLY-3 PERCENT (g)        | 2.6%          | 0%            | 5.5%         | 3%          | 0%          |
| TERMINAL (d)              | 1/21 (5%)     | 0/18 (0%)     | 1/15 (7%)    | 0/7 (0%)    | 0/2 (0%)    |
| FIRST INCIDENCE           | 737 (T)       | ---           | 653          | 691         | ---         |
| HC TUMORS SAME ROUTE      | 0/0 (0%)      |               |              |             |             |
| HC TUMORS ALL ROUTES      | 0/0 (0%)      |               |              |             |             |
| <b>STATISTICAL TESTS</b>  |               |               |              |             |             |
| POLY 3                    | P=0.456N      | P=0.509N      | P=0.486      | P=0.735     | P=0.567N    |
| POLY 1.5                  | P=0.411N      | P=0.504N      | P=0.494      | P=0.746     | P=0.536N    |
| POLY 6                    | P=0.530N      | P=0.517N      | P=0.470      | P=0.709     | P=0.615N    |
| COCH-ARM / FISHERS        | P=0.362N      | P=0.500N      | P=0.500      | P=0.747     | P=0.500N    |
| MAX-ISO-POLY-3            | P=0.482N      | P=0.168N      | P=0.271      | P=0.467     | P=0.238N    |
| HISTCONT SAME RTE         | (e)           | (e)           | (e)          | (e)         | (e)         |
| HISTCONT ALL RTEs         | (e)           | (e)           | (e)          | (e)         | (e)         |
| CURR VS HC SAME RTE       | (e)           |               |              |             |             |
| CURR VS HC ALL RTEs       | (e)           |               |              |             |             |

Experiment Number: 20314 - 03  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: RATS/F 344/NCTR

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Glycidamide  
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014  
 Time Report Requested: 07:40:57  
 First Dose M/F: 05/30/05 / 05/30/05  
 Lab: NCTR

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/NCTR)  
 TERMINAL SACRIFICE AT 106 WEEKS**

| DOSE   | Males         |               |              |             |             |
|--|---------------|---------------|--------------|-------------|-------------|
|  | CONTROL WATER | 0.0875 GLYCID | 0.175 GLYCID | 0.35 GLYCID | 0.70 GLYCID |
| <b>Skin</b>  |               |               |              |             |             |
| <b>Basal Cell Carcinoma, Basal Cell Adenoma, Basosquamous Tumor (benign, malignant or NOS), or Trichoepithelioma</b> |               |               |              |             |             |
| <b>TUMOR RATES</b>   | #             | #             | #            | #           | #           |
| OVERALL (a)  | 1/48 (2%)     | 0/48 (0%)     | 2/48 (4%)    | 1/47 (2%)   | 0/48 (0%)   |
| POLY-3 RATE (b)  | 1/37.83       | 0/36.25       | 2/36.40      | 1/33.62     | 0/26.75     |
| POLY-3 PERCENT (g)   | 2.6%          | 0%            | 5.5%         | 3%          | 0%          |
| TERMINAL (d)   | 1/21 (5%)     | 0/18 (0%)     | 1/15 (7%)    | 0/7 (0%)    | 0/2 (0%)    |
| FIRST INCIDENCE  | 737 (T)       | ---           | 653          | 691         | ---         |
| HC TUMORS SAME ROUTE   | 0/0 (0%)      |               |              |             |             |
| HC TUMORS ALL ROUTES   | 0/0 (0%)      |               |              |             |             |
| <b>STATISTICAL TESTS</b>   |               |               |              |             |             |
| POLY 3   | P=0.456N      | P=0.509N      | P=0.486      | P=0.735     | P=0.567N    |
| POLY 1.5   | P=0.411N      | P=0.504N      | P=0.494      | P=0.746     | P=0.536N    |
| POLY 6   | P=0.530N      | P=0.517N      | P=0.470      | P=0.709     | P=0.615N    |
| COCH-ARM / FISHERS   | P=0.362N      | P=0.500N      | P=0.500      | P=0.747     | P=0.500N    |
| MAX-ISO-POLY-3   | P=0.482N      | P=0.168N      | P=0.271      | P=0.467     | P=0.238N    |
| HISTCONT SAME RTE  | (e)           | (e)           | (e)          | (e)         | (e)         |
| HISTCONT ALL RTES  | (e)           | (e)           | (e)          | (e)         | (e)         |
| CURR VS HC SAME RTE  | (e)           |               |              |             |             |
| CURR VS HC ALL RTES  | (e)           |               |              |             |             |

Experiment Number: 20314 - 03  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: RATS/F 344/NCTR

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Glycidamide  
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014  
 Time Report Requested: 07:40:57  
 First Dose M/F: 05/30/05 / 05/30/05  
 Lab: NCTR

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/NCTR)  
 TERMINAL SACRIFICE AT 106 WEEKS**

| DOSE   | Males         |               |              |             |             |
|--|---------------|---------------|--------------|-------------|-------------|
|  | CONTROL WATER | 0.0875 GLYCID | 0.175 GLYCID | 0.35 GLYCID | 0.70 GLYCID |
| <b>Skin</b>  |               |               |              |             |             |
| Basal or Sq. Cell Carcinoma, Carcinoma, Basosq. Tumor (M or B), Basal Cell Adenoma, Adenoma, Papilloma, Sq Papilloma, Keratoacanthoma, Trichoepithelioma |               |               |              |             |             |
| <b>TUMOR RATES</b>   | #             | #             | #            | #           | #           |
| OVERALL (a)  | 1/48 (2%)     | 1/48 (2%)     | 2/48 (4%)    | 2/47 (4%)   | 4/48 (8%)   |
| POLY-3 RATE (b)  | 1/37.83       | 1/36.45       | 2/36.40      | 2/33.70     | 4/28.03     |
| POLY-3 PERCENT (g)   | 2.6%          | 2.7%          | 5.5%         | 5.9%        | 14.3%       |
| TERMINAL (d)   | 1/21 (5%)     | 0/18 (0%)     | 1/15 (7%)    | 0/7 (0%)    | 1/2 (50%)   |
| FIRST INCIDENCE  | 737 (T)       | 684           | 653          | 691         | 534         |
| HC TUMORS SAME ROUTE   | 0/0 (0%)      |               |              |             |             |
| HC TUMORS ALL ROUTES   | 0/0 (0%)      |               |              |             |             |
| <b>STATISTICAL TESTS</b>   |               |               |              |             |             |
| POLY 3   | P=0.034*      | P=0.753       | P=0.486      | P=0.460     | P=0.100     |
| POLY 1.5   | P=0.047*      | P=0.757       | P=0.494      | P=0.478     | P=0.133     |
| POLY 6   | P=0.020*      | P=0.746       | P=0.470      | P=0.423     | P=0.063     |
| COCH-ARM / FISHERS   | P=0.069       | P=0.753N      | P=0.500      | P=0.492     | P=0.181     |
| MAX-ISO-POLY-3   | P=0.056       | P=0.489       | P=0.271      | P=0.255     | P=0.062     |
| HISTCONT SAME RTE  | (e)           | (e)           | (e)          | (e)         | (e)         |
| HISTCONT ALL RTES  | (e)           | (e)           | (e)          | (e)         | (e)         |
| CURR VS HC SAME RTE  | (e)           |               |              |             |             |
| CURR VS HC ALL RTES  | (e)           |               |              |             |             |

Experiment Number: 20314 - 03  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: RATS/F 344/NCTR

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Glycidamide  
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014  
 Time Report Requested: 07:40:57  
 First Dose M/F: 05/30/05 / 05/30/05  
 Lab: NCTR

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/NCTR)  
 TERMINAL SACRIFICE AT 106 WEEKS**

| DOSE                     | Males         |               |              |             |             |
|--------------------------|---------------|---------------|--------------|-------------|-------------|
|                          | CONTROL WATER | 0.0875 GLYCID | 0.175 GLYCID | 0.35 GLYCID | 0.70 GLYCID |
| <b>Skin</b>              |               |               |              |             |             |
| <b>Fibroma</b>           |               |               |              |             |             |
| <b>TUMOR RATES</b>       | #             | #             | #            | #           | #           |
| OVERALL (a)              | 2/48 (4%)     | 0/48 (0%)     | 1/48 (2%)    | 1/47 (2%)   | 4/48 (8%)   |
| POLY-3 RATE (b)          | 2/37.83       | 0/36.25       | 1/36.30      | 1/33.97     | 4/28.45     |
| POLY-3 PERCENT (g)       | 5.3%          | 0%            | 2.8%         | 2.9%        | 14.1%       |
| TERMINAL (d)             | 2/21 (10%)    | 0/18 (0%)     | 0/15 (0%)    | 0/7 (0%)    | 0/2 (0%)    |
| FIRST INCIDENCE          | 737 (T)       | ---           | 682          | 578         | 555         |
| HC TUMORS SAME ROUTE     | 0/0 (0%)      |               |              |             |             |
| HC TUMORS ALL ROUTES     | 0/0 (0%)      |               |              |             |             |
| <b>STATISTICAL TESTS</b> |               |               |              |             |             |
| POLY 3                   | P=0.043*      | P=0.246N      | P=0.514N     | P=0.538N    | P=0.215     |
| POLY 1.5                 | P=0.051       | P=0.242N      | P=0.506N     | P=0.521N    | P=0.268     |
| POLY 6                   | P=0.035*      | P=0.255N      | P=0.532N     | P=0.573N    | P=0.149     |
| COCH-ARM / FISHERS       | P=0.063       | P=0.247N      | P=0.500N     | P=0.508N    | P=0.339     |
| MAX-ISO-POLY-3           | P=0.052       | P=0.084N      | P=0.295N     | P=0.319N    | P=0.140     |
| HISTCONT SAME RTE        | (e)           | (e)           | (e)          | (e)         | (e)         |
| HISTCONT ALL RTES        | (e)           | (e)           | (e)          | (e)         | (e)         |
| CURR VS HC SAME RTE      | (e)           |               |              |             |             |
| CURR VS HC ALL RTES      | (e)           |               |              |             |             |

Experiment Number: 20314 - 03  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: RATS/F 344/NCTR

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Glycidamide  
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014  
 Time Report Requested: 07:40:57  
 First Dose M/F: 05/30/05 / 05/30/05  
 Lab: NCTR

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/NCTR)  
 TERMINAL SACRIFICE AT 106 WEEKS**

| DOSE                     | Males         |               |              |             |             |
|--------------------------|---------------|---------------|--------------|-------------|-------------|
|                          | CONTROL WATER | 0.0875 GLYCID | 0.175 GLYCID | 0.35 GLYCID | 0.70 GLYCID |
| <b>Skin</b>              |               |               |              |             |             |
| <b>Keratoacanthoma</b>   |               |               |              |             |             |
| <b>TUMOR RATES</b>       | #             | #             | #            | #           | #           |
| OVERALL (a)              | 1/48 (2%)     | 1/48 (2%)     | 0/48 (0%)    | 1/47 (2%)   | 2/48 (4%)   |
| POLY-3 RATE (b)          | 1/37.83       | 1/36.45       | 0/36.09      | 1/33.62     | 2/27.37     |
| POLY-3 PERCENT (g)       | 2.6%          | 2.7%          | 0%           | 3%          | 7.3%        |
| TERMINAL (d)             | 1/21 (5%)     | 0/18 (0%)     | 0/15 (0%)    | 0/7 (0%)    | 1/2 (50%)   |
| FIRST INCIDENCE          | 737 (T)       | 684           | ---          | 691         | 534         |
| HC TUMORS SAME ROUTE     | 0/0 (0%)      |               |              |             |             |
| HC TUMORS ALL ROUTES     | 0/0 (0%)      |               |              |             |             |
| <b>STATISTICAL TESTS</b> |               |               |              |             |             |
| POLY 3                   | P=0.196       | P=0.753       | P=0.509N     | P=0.735     | P=0.390     |
| POLY 1.5                 | P=0.223       | P=0.757       | P=0.504N     | P=0.746     | P=0.441     |
| POLY 6                   | P=0.161       | P=0.746       | P=0.521N     | P=0.709     | P=0.314     |
| COCH-ARM / FISHERS       | P=0.261       | P=0.753N      | P=0.500N     | P=0.747     | P=0.500     |
| MAX-ISO-POLY-3           | P=0.246       | P=0.489       | P=0.169N     | P=0.467     | P=0.224     |
| HISTCONT SAME RTE        | (e)           | (e)           | (e)          | (e)         | (e)         |
| HISTCONT ALL RTES        | (e)           | (e)           | (e)          | (e)         | (e)         |
| CURR VS HC SAME RTE      | (e)           |               |              |             |             |
| CURR VS HC ALL RTES      | (e)           |               |              |             |             |

Experiment Number: 20314 - 03  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: RATS/F 344/NCTR

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Glycidamide  
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014  
 Time Report Requested: 07:40:57  
 First Dose M/F: 05/30/05 / 05/30/05  
 Lab: NCTR

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/NCTR)  
 TERMINAL SACRIFICE AT 106 WEEKS**

| DOSE                     | Males         |               |              |             |             |
|--------------------------|---------------|---------------|--------------|-------------|-------------|
|                          | CONTROL WATER | 0.0875 GLYCID | 0.175 GLYCID | 0.35 GLYCID | 0.70 GLYCID |
| <b>Skin</b>              |               |               |              |             |             |
| <b>Lipoma</b>            |               |               |              |             |             |
| <b>TUMOR RATES</b>       | #             | #             | #            | #           | #           |
| OVERALL (a)              | 0/48 (0%)     | 0/48 (0%)     | 1/48 (2%)    | 1/47 (2%)   | 0/48 (0%)   |
| POLY-3 RATE (b)          | 0/37.83       | 0/36.25       | 1/36.63      | 1/33.45     | 0/26.75     |
| POLY-3 PERCENT (g)       | 0%            | 0%            | 2.7%         | 3%          | 0%          |
| TERMINAL (d)             | 0/21 (0%)     | 0/18 (0%)     | 0/15 (0%)    | 1/7 (14%)   | 0/2 (0%)    |
| FIRST INCIDENCE          | ---           | ---           | 572          | 737 (T)     | ---         |
| HC TUMORS SAME ROUTE     | 0/0 (0%)      |               |              |             |             |
| HC TUMORS ALL ROUTES     | 0/0 (0%)      |               |              |             |             |
| <b>STATISTICAL TESTS</b> |               |               |              |             |             |
| POLY 3                   | (n)           | (n)           | (n)          | (n)         | (n)         |
| POLY 1.5                 | (n)           | (n)           | (n)          | (n)         | (n)         |
| POLY 6                   | (n)           | (n)           | (n)          | (n)         | (n)         |
| COCH-ARM / FISHERS       | (n)           | (n)           | (n)          | (n)         | (n)         |
| MAX-ISO-POLY-3           | (n)           | (n)           | (n)          | (n)         | (n)         |
| HISTCONT SAME RTE        | (n)           | (n)           | (n)          | (n)         | (n)         |
| HISTCONT ALL RTES        | (n)           | (n)           | (n)          | (n)         | (n)         |
| CURR VS HC SAME RTE      | (n)           |               |              |             |             |
| CURR VS HC ALL RTES      | (n)           |               |              |             |             |

Experiment Number: 20314 - 03  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: RATS/F 344/NCTR

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Glycidamide  
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014  
 Time Report Requested: 07:40:57  
 First Dose M/F: 05/30/05 / 05/30/05  
 Lab: NCTR

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/NCTR)  
 TERMINAL SACRIFICE AT 106 WEEKS**

| DOSE                           | Males         |               |              |             |             |
|--------------------------------|---------------|---------------|--------------|-------------|-------------|
|                                | CONTROL WATER | 0.0875 GLYCID | 0.175 GLYCID | 0.35 GLYCID | 0.70 GLYCID |
| <b>Skin</b>                    |               |               |              |             |             |
| <b>Squamous Cell Papilloma</b> |               |               |              |             |             |
| <b>TUMOR RATES</b>             | #             | #             | #            | #           | #           |
| OVERALL (a)                    | 0/48 (0%)     | 0/48 (0%)     | 0/48 (0%)    | 1/47 (2%)   | 2/48 (4%)   |
| POLY-3 RATE (b)                | 0/37.83       | 0/36.25       | 0/36.09      | 1/33.52     | 2/27.41     |
| POLY-3 PERCENT (g)             | 0%            | 0%            | 0%           | 3%          | 7.3%        |
| TERMINAL (d)                   | 0/21 (0%)     | 0/18 (0%)     | 0/15 (0%)    | 0/7 (0%)    | 0/2 (0%)    |
| FIRST INCIDENCE                | ---           | ---           | ---          | 719         | 610         |
| HC TUMORS SAME ROUTE           | 0/0 (0%)      |               |              |             |             |
| HC TUMORS ALL ROUTES           | 0/0 (0%)      |               |              |             |             |
| <b>STATISTICAL TESTS</b>       |               |               |              |             |             |
| POLY 3                         | P=0.019*      | (e)           | (e)          | P=0.476     | P=0.173     |
| POLY 1.5                       | P=0.024*      | (e)           | (e)          | P=0.487     | P=0.201     |
| POLY 6                         | P=0.014*      | (e)           | (e)          | P=0.454     | P=0.137     |
| COCH-ARM / FISHERS             | P=0.032*      | (e)           | (e)          | P=0.495     | P=0.247     |
| MAX-ISO-POLY-3                 | P=0.031*      | (e)           | (e)          | P=0.156     | P=0.073     |
| HISTCONT SAME RTE              | (e)           | (e)           | (e)          | (e)         | (e)         |
| HISTCONT ALL RTES              | (e)           | (e)           | (e)          | (e)         | (e)         |
| CURR VS HC SAME RTE            | (e)           |               |              |             |             |
| CURR VS HC ALL RTES            | (e)           |               |              |             |             |



Experiment Number: 20314 - 03  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: RATS/F 344/NCTR

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Glycidamide  
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014  
 Time Report Requested: 07:40:57  
 First Dose M/F: 05/30/05 / 05/30/05  
 Lab: NCTR

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/NCTR)  
 TERMINAL SACRIFICE AT 106 WEEKS**

| DOSE  | Males         |               |              |             |             |
|---|---------------|---------------|--------------|-------------|-------------|
|   | CONTROL WATER | 0.0875 GLYCID | 0.175 GLYCID | 0.35 GLYCID | 0.70 GLYCID |
| <b>Skin</b>   |               |               |              |             |             |
| <b>Squamous Cell Papilloma, Papilloma, Squamous Cell Carcinoma or Keratoacanthoma</b> |               |               |              |             |             |
| <b>TUMOR RATES</b>  | #             | #             | #            | #           | #           |
| OVERALL (a)   | 1/48 (2%)     | 1/48 (2%)     | 0/48 (0%)    | 2/47 (4%)   | 4/48 (8%)   |
| POLY-3 RATE (b)   | 1/37.83       | 1/36.45       | 0/36.09      | 2/33.70     | 4/28.03     |
| POLY-3 PERCENT (g)  | 2.6%          | 2.7%          | 0%           | 5.9%        | 14.3%       |
| TERMINAL (d)  | 1/21 (5%)     | 0/18 (0%)     | 0/15 (0%)    | 0/7 (0%)    | 1/2 (50%)   |
| FIRST INCIDENCE   | 737 (T)       | 684           | ---          | 691         | 534         |
| HC TUMORS SAME ROUTE  | 0/0 (0%)      |               |              |             |             |
| HC TUMORS ALL ROUTES  | 0/0 (0%)      |               |              |             |             |
| <b>STATISTICAL TESTS</b>  |               |               |              |             |             |
| POLY 3  | P=0.014*      | P=0.753       | P=0.509N     | P=0.460     | P=0.100     |
| POLY 1.5  | P=0.019*      | P=0.757       | P=0.504N     | P=0.478     | P=0.133     |
| POLY 6  | P=0.010**     | P=0.746       | P=0.521N     | P=0.423     | P=0.063     |
| COCH-ARM / FISHERS  | P=0.028*      | P=0.753N      | P=0.500N     | P=0.492     | P=0.181     |
| MAX-ISO-POLY-3  | P=0.024*      | P=0.489       | P=0.169N     | P=0.255     | P=0.062     |
| HISTCONT SAME RTE   | (e)           | (e)           | (e)          | (e)         | (e)         |
| HISTCONT ALL RTES   | (e)           | (e)           | (e)          | (e)         | (e)         |
| CURR VS HC SAME RTE   | (e)           |               |              |             |             |
| CURR VS HC ALL RTES   | (e)           |               |              |             |             |

Experiment Number: 20314 - 03  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: RATS/F 344/NCTR

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Glycidamide  
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014  
 Time Report Requested: 07:40:57  
 First Dose M/F: 05/30/05 / 05/30/05  
 Lab: NCTR

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/NCTR)  
 TERMINAL SACRIFICE AT 106 WEEKS**

| DOSE  | Males         |               |              |             |             |
|---|---------------|---------------|--------------|-------------|-------------|
|   | CONTROL WATER | 0.0875 GLYCID | 0.175 GLYCID | 0.35 GLYCID | 0.70 GLYCID |
| <b>Skin</b>   |               |               |              |             |             |
| <b>Squamous Cell Papilloma, Papilloma, or Keratoacanthoma</b> |               |               |              |             |             |
| <b>TUMOR RATES</b>  | #             | #             | #            | #           | #           |
| OVERALL (a)   | 1/48 (2%)     | 1/48 (2%)     | 0/48 (0%)    | 2/47 (4%)   | 4/48 (8%)   |
| POLY-3 RATE (b)   | 1/37.83       | 1/36.45       | 0/36.09      | 2/33.70     | 4/28.03     |
| POLY-3 PERCENT (g)  | 2.6%          | 2.7%          | 0%           | 5.9%        | 14.3%       |
| TERMINAL (d)  | 1/21 (5%)     | 0/18 (0%)     | 0/15 (0%)    | 0/7 (0%)    | 1/2 (50%)   |
| FIRST INCIDENCE   | 737 (T)       | 684           | ---          | 691         | 534         |
| HC TUMORS SAME ROUTE  | 0/0 (0%)      |               |              |             |             |
| HC TUMORS ALL ROUTES  | 0/0 (0%)      |               |              |             |             |
| <b>STATISTICAL TESTS</b>                                      |               |               |              |             |             |
| POLY 3  | P=0.014*      | P=0.753       | P=0.509N     | P=0.460     | P=0.100     |
| POLY 1.5  | P=0.019*      | P=0.757       | P=0.504N     | P=0.478     | P=0.133     |
| POLY 6  | P=0.010**     | P=0.746       | P=0.521N     | P=0.423     | P=0.063     |
| COCH-ARM / FISHERS  | P=0.028*      | P=0.753N      | P=0.500N     | P=0.492     | P=0.181     |
| MAX-ISO-POLY-3  | P=0.024*      | P=0.489       | P=0.169N     | P=0.255     | P=0.062     |
| HISTCONT SAME RTE   | (e)           | (e)           | (e)          | (e)         | (e)         |
| HISTCONT ALL RTES   | (e)           | (e)           | (e)          | (e)         | (e)         |
| CURR VS HC SAME RTE   | (e)           |               |              |             |             |
| CURR VS HC ALL RTES   | (e)           |               |              |             |             |

Experiment Number: 20314 - 03  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: RATS/F 344/NCTR

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Glycidamide  
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014  
 Time Report Requested: 07:40:57  
 First Dose M/F: 05/30/05 / 05/30/05  
 Lab: NCTR

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/NCTR)  
 TERMINAL SACRIFICE AT 106 WEEKS**

| DOSE  | Males         |               |              |             |             |
|---|---------------|---------------|--------------|-------------|-------------|
|   | CONTROL WATER | 0.0875 GLYCID | 0.175 GLYCID | 0.35 GLYCID | 0.70 GLYCID |
| <b>Stomach, Forestomach<br/>Squamous Cell Papilloma</b> |               |               |              |             |             |
| <b>TUMOR RATES</b>                                      | #             | #             | #            | #           | #           |
| OVERALL (a)   | 0/48 (0%)     | 0/48 (0%)     | 0/48 (0%)    | 0/47 (0%)   | 0/48 (0%)   |
| POLY-3 RATE (b)   | 0/37.83       | 0/36.25       | 0/36.09      | 0/33.45     | 0/26.75     |
| POLY-3 PERCENT (g)                                      | 0%            | 0%            | 0%           | 0%          | 0%          |
| TERMINAL (d)  | 0/21 (0%)     | 0/18 (0%)     | 0/15 (0%)    | 0/7 (0%)    | 0/2 (0%)    |
| FIRST INCIDENCE   | ---           | ---           | ---          | ---         | ---         |
| HC TUMORS SAME ROUTE                                    | 0/0 (0%)      |               |              |             |             |
| HC TUMORS ALL ROUTES                                    | 0/0 (0%)      |               |              |             |             |
| <b>STATISTICAL TESTS</b>                                |               |               |              |             |             |
| POLY 3  | (n)           | (n)           | (n)          | (n)         | (n)         |
| POLY 1.5  | (n)           | (n)           | (n)          | (n)         | (n)         |
| POLY 6  | (n)           | (n)           | (n)          | (n)         | (n)         |
| COCH-ARM / FISHERS                                      | (n)           | (n)           | (n)          | (n)         | (n)         |
| MAX-ISO-POLY-3  | (n)           | (n)           | (n)          | (n)         | (n)         |
| HISTCONT SAME RTE                                       | (n)           | (n)           | (n)          | (n)         | (n)         |
| HISTCONT ALL RTES                                       | (n)           | (n)           | (n)          | (n)         | (n)         |
| CURR VS HC SAME RTE                                     | (n)           |               |              |             |             |
| CURR VS HC ALL RTES                                     | (n)           |               |              |             |             |

Experiment Number: 20314 - 03  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: RATS/F 344/NCTR

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Glycidamide  
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014  
 Time Report Requested: 07:40:57  
 First Dose M/F: 05/30/05 / 05/30/05  
 Lab: NCTR

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/NCTR)  
 TERMINAL SACRIFICE AT 106 WEEKS**

| DOSE                     | Males         |               |              |             |             |
|--------------------------|---------------|---------------|--------------|-------------|-------------|
|                          | CONTROL WATER | 0.0875 GLYCID | 0.175 GLYCID | 0.35 GLYCID | 0.70 GLYCID |
| <b>Testes</b>            |               |               |              |             |             |
| <b>Adenoma</b>           |               |               |              |             |             |
| <b>TUMOR RATES</b>       |               |               |              |             |             |
| OVERALL (a)              | 33/48 (69%)   | 34/47 (72%)   | 33/48 (69%)  | 34/47 (72%) | 27/48 (56%) |
| POLY-3 RATE (b)          | 33/42.52      | 34/42.27      | 33/42.94     | 34/42.25    | 27/36.01    |
| POLY-3 PERCENT (g)       | 77.6%         | 80.4%         | 76.9%        | 80.5%       | 75%         |
| TERMINAL (d)             | 17/21 (81%)   | 15/18 (83%)   | 13/15 (87%)  | 7/7 (100%)  | 2/2 (100%)  |
| FIRST INCIDENCE          | 487           | 466           | 498          | 488         | 428         |
| HC TUMORS SAME ROUTE     | 0/0 (0%)      |               |              |             |             |
| HC TUMORS ALL ROUTES     | 0/0 (0%)      |               |              |             |             |
| <b>STATISTICAL TESTS</b> |               |               |              |             |             |
| POLY 3                   | P=0.415N      | P=0.477       | P=0.575N     | P=0.475     | P=0.496N    |
| POLY 1.5                 | P=0.212N      | P=0.456       | P=0.570N     | P=0.467     | P=0.294N    |
| POLY 6                   | P=0.354       | P=0.492       | P=0.621N     | P=0.443     | P=0.447     |
| COCH-ARM / FISHERS       | P=0.074N      | P=0.437       | P=0.587N     | P=0.437     | P=0.146N    |
| MAX-ISO-POLY-3           | P=0.568N      | P=0.364       | P=0.463N     | P=0.360     | P=0.385N    |
| HISTCONT SAME RTE        | (e)           | (e)           | (e)          | (e)         | (e)         |
| HISTCONT ALL RTES        | (e)           | (e)           | (e)          | (e)         | (e)         |
| CURR VS HC SAME RTE      | (e)           |               |              |             |             |
| CURR VS HC ALL RTES      | (e)           |               |              |             |             |

Experiment Number: 20314 - 03  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: RATS/F 344/NCTR

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Glycidamide  
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014  
 Time Report Requested: 07:40:57  
 First Dose M/F: 05/30/05 / 05/30/05  
 Lab: NCTR

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/NCTR)  
 TERMINAL SACRIFICE AT 106 WEEKS**

| DOSE                                 | Males         |               |              |             |             |
|--------------------------------------|---------------|---------------|--------------|-------------|-------------|
|                                      | CONTROL WATER | 0.0875 GLYCID | 0.175 GLYCID | 0.35 GLYCID | 0.70 GLYCID |
| <b>Thyroid Gland: C-Cell Adenoma</b> |               |               |              |             |             |
| <b>TUMOR RATES</b>                   |               |               |              |             |             |
| OVERALL (a)                          | 4/47 (9%)     | 0/42 (0%)     | 1/48 (2%)    | 0/47 (0%)   | 1/46 (2%)   |
| POLY-3 RATE (b)                      | 4/38.67       | 0/33.88       | 1/36.14      | 0/33.45     | 1/26.64     |
| POLY-3 PERCENT (g)                   | 10.3%         | 0%            | 2.8%         | 0%          | 3.8%        |
| TERMINAL (d)                         | 2/21 (10%)    | 0/18 (0%)     | 0/15 (0%)    | 0/7 (0%)    | 0/2 (0%)    |
| FIRST INCIDENCE                      | 481           | ---           | 725          | ---         | 439         |
| HC TUMORS SAME ROUTE                 | 0/0 (0%)      |               |              |             |             |
| HC TUMORS ALL ROUTES                 | 0/0 (0%)      |               |              |             |             |
| <b>STATISTICAL TESTS</b>             |               |               |              |             |             |
| POLY 3                               | P=0.190N      | P=0.077N      | P=0.198N     | P=0.079N    | P=0.310N    |
| POLY 1.5                             | P=0.189N      | P=0.075N      | P=0.185N     | P=0.069N    | P=0.246N    |
| POLY 6                               | P=0.185N      | P=0.081N      | P=0.223N     | P=0.103N    | P=0.424N    |
| COCH-ARM / FISHERS                   | P=0.186N      | P=0.073N      | P=0.174N     | P=0.058N    | P=0.187N    |
| MAX-ISO-POLY-3                       | P=0.101N      | P=0.030N*     | P=0.102N     | P=0.035N*   | P=0.204N    |
| HISTCONT SAME RTE                    | (e)           | (e)           | (e)          | (e)         | (e)         |
| HISTCONT ALL RTES                    | (e)           | (e)           | (e)          | (e)         | (e)         |
| CURR VS HC SAME RTE                  | (e)           |               |              |             |             |
| CURR VS HC ALL RTES                  | (e)           |               |              |             |             |

Experiment Number: 20314 - 03  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: RATS/F 344/NCTR

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Glycidamide  
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014  
 Time Report Requested: 07:40:57  
 First Dose M/F: 05/30/05 / 05/30/05  
 Lab: NCTR

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/NCTR)  
 TERMINAL SACRIFICE AT 106 WEEKS**

| DOSE                                   | Males         |               |              |             |             |
|--|---------------|---------------|--------------|-------------|-------------|
|  | CONTROL WATER | 0.0875 GLYCID | 0.175 GLYCID | 0.35 GLYCID | 0.70 GLYCID |
| <b>Thyroid Gland: C-Cell Carcinoma</b> |               |               |              |             |             |
| <b>TUMOR RATES</b>                     |               |               |              |             |             |
| OVERALL (a)                            | 1/47 (2%)     | 2/42 (5%)     | 1/48 (2%)    | 1/47 (2%)   | 0/46 (0%)   |
| POLY-3 RATE (b)                        | 1/37.41       | 2/34.36       | 1/36.74      | 1/33.67     | 0/25.85     |
| POLY-3 PERCENT (g)                     | 2.7%          | 5.8%          | 2.7%         | 3%          | 0%          |
| TERMINAL (d)                           | 0/21 (0%)     | 0/18 (0%)     | 0/15 (0%)    | 0/7 (0%)    | 0/2 (0%)    |
| FIRST INCIDENCE                        | 708           | 624           | 519          | 677         | ---         |
| HC TUMORS SAME ROUTE                   | 0/0 (0%)      |               |              |             |             |
| HC TUMORS ALL ROUTES                   | 0/0 (0%)      |               |              |             |             |
| <b>STATISTICAL TESTS</b>               |               |               |              |             |             |
| POLY 3                                 | P=0.283N      | P=0.470       | P=0.757      | P=0.737     | P=0.572N    |
| POLY 1.5                               | P=0.247N      | P=0.468       | P=0.760N     | P=0.750     | P=0.540N    |
| POLY 6                                 | P=0.347N      | P=0.466       | P=0.746      | P=0.710     | P=0.620N    |
| COCH-ARM / FISHERS                     | P=0.208N      | P=0.457       | P=0.747N     | P=0.753N    | P=0.505N    |
| MAX-ISO-POLY-3                         | P=0.386N      | P=0.256       | P=0.495      | P=0.471     | P=0.242N    |
| HISTCONT SAME RTE                      | (e)           | (e)           | (e)          | (e)         | (e)         |
| HISTCONT ALL RTES                      | (e)           | (e)           | (e)          | (e)         | (e)         |
| CURR VS HC SAME RTE                    | (e)           |               |              |             |             |
| CURR VS HC ALL RTES                    | (e)           |               |              |             |             |

Experiment Number: 20314 - 03  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: RATS/F 344/NCTR

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Glycidamide  
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014  
 Time Report Requested: 07:40:57  
 First Dose M/F: 05/30/05 / 05/30/05  
 Lab: NCTR

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/NCTR)  
 TERMINAL SACRIFICE AT 106 WEEKS**

| DOSE  | Males         |               |              |             |             |
|---|---------------|---------------|--------------|-------------|-------------|
|   | CONTROL WATER | 0.0875 GLYCID | 0.175 GLYCID | 0.35 GLYCID | 0.70 GLYCID |
| <b>Thyroid Gland: C-Cell Carcinoma or Adenoma</b> |               |               |              |             |             |
| <b>TUMOR RATES</b>                                |               |               |              |             |             |
| OVERALL (a)                                       | 5/47 (11%)    | 2/42 (5%)     | 2/48 (4%)    | 1/47 (2%)   | 1/46 (2%)   |
| POLY-3 RATE (b)                                   | 5/38.79       | 2/34.36       | 2/36.79      | 1/33.67     | 1/26.64     |
| POLY-3 PERCENT (g)                                | 12.9%         | 5.8%          | 5.4%         | 3%          | 3.8%        |
| TERMINAL (d)                                      | 2/21 (10%)    | 0/18 (0%)     | 0/15 (0%)    | 0/7 (0%)    | 0/2 (0%)    |
| FIRST INCIDENCE                                   | 481           | 624           | 519          | 677         | 439         |
| HC TUMORS SAME ROUTE                              | 0/0 (0%)      |               |              |             |             |
| HC TUMORS ALL ROUTES                              | 0/0 (0%)      |               |              |             |             |
| <b>STATISTICAL TESTS</b>                          |               |               |              |             |             |
| POLY 3  | P=0.112N      | P=0.265N      | P=0.235N     | P=0.135N    | P=0.211N    |
| POLY 1.5  | P=0.094N      | P=0.262N      | P=0.221N     | P=0.117N    | P=0.155N    |
| POLY 6  | P=0.143N      | P=0.276N      | P=0.264N     | P=0.175N    | P=0.324N    |
| COCH-ARM / FISHERS                                | P=0.075N      | P=0.266N      | P=0.209N     | P=0.102N    | P=0.107N    |
| MAX-ISO-POLY-3                                    | P=0.179N      | P=0.159N      | P=0.137N     | P=0.075N    | P=0.144N    |
| HISTCONT SAME RTE                                 | (e)           | (e)           | (e)          | (e)         | (e)         |
| HISTCONT ALL RTES                                 | (e)           | (e)           | (e)          | (e)         | (e)         |
| CURR VS HC SAME RTE                               | (e)           |               |              |             |             |
| CURR VS HC ALL RTES                               | (e)           |               |              |             |             |

Experiment Number: 20314 - 03  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: RATS/F 344/NCTR

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Glycidamide  
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014  
 Time Report Requested: 07:40:57  
 First Dose M/F: 05/30/05 / 05/30/05  
 Lab: NCTR

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/NCTR)  
 TERMINAL SACRIFICE AT 106 WEEKS**

| DOSE  | Males         |               |              |             |             |
|---|---------------|---------------|--------------|-------------|-------------|
|   | CONTROL WATER | 0.0875 GLYCID | 0.175 GLYCID | 0.35 GLYCID | 0.70 GLYCID |
| <b>Thyroid Gland: Follicular Cell Adenoma</b> |               |               |              |             |             |
| <b>TUMOR RATES</b>                            |               |               |              |             |             |
| OVERALL (a)                                   | 2/47 (4%)     | 1/42 (2%)     | 3/48 (6%)    | 3/47 (6%)   | 8/46 (17%)  |
| POLY-3 RATE (b)                               | 2/37.35       | 1/33.88       | 3/36.89      | 3/33.81     | 8/28.19     |
| POLY-3 PERCENT (g)                            | 5.4%          | 3%            | 8.1%         | 8.9%        | 28.4%       |
| TERMINAL (d)                                  | 1/21 (5%)     | 1/18 (6%)     | 1/15 (7%)    | 2/7 (29%)   | 1/2 (50%)   |
| FIRST INCIDENCE                               | 724           | 737 (T)       | 549          | 635         | 520         |
| HC TUMORS SAME ROUTE                          | 0/0 (0%)      |               |              |             |             |
| HC TUMORS ALL ROUTES                          | 0/0 (0%)      |               |              |             |             |
| <b>STATISTICAL TESTS</b>                      |               |               |              |             |             |
| POLY 3  | P<0.001**     | P=0.534N      | P=0.494      | P=0.454     | P=0.011*    |
| POLY 1.5                                      | P=0.002**     | P=0.534N      | P=0.504      | P=0.479     | P=0.022*    |
| POLY 6  | P<0.001**     | P=0.542N      | P=0.473      | P=0.403     | P=0.004**   |
| COCH-ARM / FISHERS                            | P=0.004**     | P=0.543N      | P=0.510      | P=0.500     | P=0.042*    |
| MAX-ISO-POLY-3                                | P<0.001**     | P=0.311N      | P=0.319      | P=0.292     | P=0.010**   |
| HISTCONT SAME RTE                             | (e)           | (e)           | (e)          | (e)         | (e)         |
| HISTCONT ALL RTEs                             | (e)           | (e)           | (e)          | (e)         | (e)         |
| CURR VS HC SAME RTE                           | (e)           |               |              |             |             |
| CURR VS HC ALL RTEs                           | (e)           |               |              |             |             |



Experiment Number: 20314 - 03  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: RATS/F 344/NCTR

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Glycidamide  
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014  
 Time Report Requested: 07:40:57  
 First Dose M/F: 05/30/05 / 05/30/05  
 Lab: NCTR

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/NCTR)  
 TERMINAL SACRIFICE AT 106 WEEKS**

| DOSE  | Males         |               |              |             |             |
|---|---------------|---------------|--------------|-------------|-------------|
|   | CONTROL WATER | 0.0875 GLYCID | 0.175 GLYCID | 0.35 GLYCID | 0.70 GLYCID |
| <b>Thyroid Gland: Follicular Cell Carcinoma</b> |               |               |              |             |             |
| <b>TUMOR RATES</b>                              |               |               |              |             |             |
| OVERALL (a)                                     | 0/47 (0%)     | 2/42 (5%)     | 3/48 (6%)    | 1/47 (2%)   | 5/46 (11%)  |
| POLY-3 RATE (b)                                 | 0/37.30       | 2/34.24       | 3/36.71      | 1/33.90     | 5/27.40     |
| POLY-3 PERCENT (g)                              | 0%            | 5.8%          | 8.2%         | 3%          | 18.3%       |
| TERMINAL (d)                                    | 0/21 (0%)     | 0/18 (0%)     | 2/15 (13%)   | 0/7 (0%)    | 0/2 (0%)    |
| FIRST INCIDENCE                                 | ---           | 683           | 537          | 604         | 541         |
| HC TUMORS SAME ROUTE                            | 0/0 (0%)      |               |              |             |             |
| HC TUMORS ALL ROUTES                            | 0/0 (0%)      |               |              |             |             |
| <b>STATISTICAL TESTS</b>                        |               |               |              |             |             |
| POLY 3  | P=0.014*      | P=0.217       | P=0.114      | P=0.481     | P=0.011*    |
| POLY 1.5  | P=0.021*      | P=0.216       | P=0.119      | P=0.491     | P=0.018*    |
| POLY 6  | P=0.008**     | P=0.215       | P=0.105      | P=0.459     | P=0.006**   |
| COCH-ARM / FISHERS                              | P=0.033*      | P=0.220       | P=0.125      | P=0.500     | P=0.026*    |
| MAX-ISO-POLY-3                                  | P=0.010**     | P=0.069       | P=0.038*     | P=0.157     | P=0.008**   |
| HISTCONT SAME RTE                               | (e)           | (e)           | (e)          | (e)         | (e)         |
| HISTCONT ALL RTES                               | (e)           | (e)           | (e)          | (e)         | (e)         |
| CURR VS HC SAME RTE                             | (e)           |               |              |             |             |
| CURR VS HC ALL RTES                             | (e)           |               |              |             |             |

Experiment Number: 20314 - 03  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: RATS/F 344/NCTR

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Glycidamide  
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014  
 Time Report Requested: 07:40:57  
 First Dose M/F: 05/30/05 / 05/30/05  
 Lab: NCTR

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/NCTR)  
 TERMINAL SACRIFICE AT 106 WEEKS**

| DOSE   | Males         |               |              |             |             |
|--|---------------|---------------|--------------|-------------|-------------|
|  | CONTROL WATER | 0.0875 GLYCID | 0.175 GLYCID | 0.35 GLYCID | 0.70 GLYCID |
| <b>Thyroid Gland: Follicular Cell Carcinoma or Adenoma</b> |               |               |              |             |             |
| <b>TUMOR RATES</b>   |               |               |              |             |             |
| OVERALL (a)  | 2/47 (4%)     | 3/42 (7%)     | 6/48 (13%)   | 4/47 (9%)   | 13/46 (28%) |
| POLY-3 RATE (b)  | 2/37.35       | 3/34.24       | 6/37.50      | 4/34.26     | 13/29.74    |
| POLY-3 PERCENT (g)   | 5.4%          | 8.8%          | 16%          | 11.7%       | 43.7%       |
| TERMINAL (d)   | 1/21 (5%)     | 1/18 (6%)     | 3/15 (20%)   | 2/7 (29%)   | 1/2 (50%)   |
| FIRST INCIDENCE  | 724           | 683           | 537          | 604         | 520         |
| HC TUMORS SAME ROUTE                                       | 0/0 (0%)      |               |              |             |             |
| HC TUMORS ALL ROUTES                                       | 0/0 (0%)      |               |              |             |             |
| <b>STATISTICAL TESTS</b>                                   |               |               |              |             |             |
| POLY 3   | P<0.001**     | P=0.460       | P=0.130      | P=0.296     | P<0.001**   |
| POLY 1.5   | P<0.001**     | P=0.458       | P=0.136      | P=0.318     | P<0.001**   |
| POLY 6   | P<0.001**     | P=0.455       | P=0.116      | P=0.251     | P<0.001**   |
| COCH-ARM / FISHERS   | P<0.001**     | P=0.446       | P=0.141      | P=0.339     | P=0.002**   |
| MAX-ISO-POLY-3   | P<0.001**     | P=0.290       | P=0.067      | P=0.177     | P<0.001**   |
| HISTCONT SAME RTE  | (e)           | (e)           | (e)          | (e)         | (e)         |
| HISTCONT ALL RTEs  | (e)           | (e)           | (e)          | (e)         | (e)         |
| CURR VS HC SAME RTE  | (e)           |               |              |             |             |
| CURR VS HC ALL RTEs  | (e)           |               |              |             |             |

Experiment Number: 20314 - 03  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: RATS/F 344/NCTR

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Glycidamide  
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014  
 Time Report Requested: 07:40:57  
 First Dose M/F: 05/30/05 / 05/30/05  
 Lab: NCTR

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/NCTR)  
 TERMINAL SACRIFICE AT 106 WEEKS**

| DOSE   | Males         |               |              |             |             |
|--|---------------|---------------|--------------|-------------|-------------|
|  | CONTROL WATER | 0.0875 GLYCID | 0.175 GLYCID | 0.35 GLYCID | 0.70 GLYCID |
| <b>Tongue</b>  |               |               |              |             |             |
| <b>Squamous Cell Carcinoma or Papilloma Squamous</b> |               |               |              |             |             |
| <b>TUMOR RATES</b>                                   | #             | #             | #            | #           | #           |
| OVERALL (a)  | 0/48 (0%)     | 1/48 (2%)     | 1/48 (2%)    | 1/47 (2%)   | 4/48 (8%)   |
| POLY-3 RATE (b)                                      | 0/37.83       | 1/36.57       | 1/36.78      | 1/33.45     | 4/28.61     |
| POLY-3 PERCENT (g)                                   | 0%            | 2.7%          | 2.7%         | 3%          | 14%         |
| TERMINAL (d)   | 0/21 (0%)     | 0/18 (0%)     | 0/15 (0%)    | 1/7 (14%)   | 0/2 (0%)    |
| FIRST INCIDENCE                                      | ---           | 649           | 498          | 737 (T)     | 516         |
| HC TUMORS SAME ROUTE                                 | 0/0 (0%)      |               |              |             |             |
| HC TUMORS ALL ROUTES                                 | 0/0 (0%)      |               |              |             |             |
| <b>STATISTICAL TESTS</b>                             |               |               |              |             |             |
| POLY 3   | P=0.008**     | P=0.493       | P=0.494      | P=0.475     | P=0.031*    |
| POLY 1.5   | P=0.010**     | P=0.496       | P=0.498      | P=0.487     | P=0.043*    |
| POLY 6   | P=0.005**     | P=0.487       | P=0.485      | P=0.453     | P=0.019*    |
| COCH-ARM / FISHERS                                   | P=0.015*      | P=0.500       | P=0.500      | P=0.495     | P=0.059     |
| MAX-ISO-POLY-3                                       | P=0.012*      | P=0.157       | P=0.157      | P=0.156     | P=0.017*    |
| HISTCONT SAME RTE                                    | (e)           | (e)           | (e)          | (e)         | (e)         |
| HISTCONT ALL RTES                                    | (e)           | (e)           | (e)          | (e)         | (e)         |
| CURR VS HC SAME RTE                                  | (e)           |               |              |             |             |
| CURR VS HC ALL RTES                                  | (e)           |               |              |             |             |

Experiment Number: 20314 - 03  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: RATS/F 344/NCTR

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Glycidamide  
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014  
 Time Report Requested: 07:40:57  
 First Dose M/F: 05/30/05 / 05/30/05  
 Lab: NCTR

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/NCTR)  
 TERMINAL SACRIFICE AT 106 WEEKS**

| DOSE                           | Males         |               |              |             |             |
|--------------------------------|---------------|---------------|--------------|-------------|-------------|
|                                | CONTROL WATER | 0.0875 GLYCID | 0.175 GLYCID | 0.35 GLYCID | 0.70 GLYCID |
| <b>Tongue</b>                  |               |               |              |             |             |
| <b>Squamous Cell Papilloma</b> |               |               |              |             |             |
| <b>TUMOR RATES</b>             | #             | #             | #            | #           | #           |
| OVERALL (a)                    | 0/48 (0%)     | 1/48 (2%)     | 0/48 (0%)    | 1/47 (2%)   | 4/48 (8%)   |
| POLY-3 RATE (b)                | 0/37.83       | 1/36.57       | 0/36.09      | 1/33.45     | 4/28.61     |
| POLY-3 PERCENT (g)             | 0%            | 2.7%          | 0%           | 3%          | 14%         |
| TERMINAL (d)                   | 0/21 (0%)     | 0/18 (0%)     | 0/15 (0%)    | 1/7 (14%)   | 0/2 (0%)    |
| FIRST INCIDENCE                | ---           | 649           | ---          | 737 (T)     | 516         |
| HC TUMORS SAME ROUTE           | 0/0 (0%)      |               |              |             |             |
| HC TUMORS ALL ROUTES           | 0/0 (0%)      |               |              |             |             |
| <b>STATISTICAL TESTS</b>       |               |               |              |             |             |
| POLY 3                         | P=0.003**     | P=0.493       | (e)          | P=0.475     | P=0.031*    |
| POLY 1.5                       | P=0.004**     | P=0.496       | (e)          | P=0.487     | P=0.043*    |
| POLY 6                         | P=0.002**     | P=0.487       | (e)          | P=0.453     | P=0.019*    |
| COCH-ARM / FISHERS             | P=0.006**     | P=0.500       | (e)          | P=0.495     | P=0.059     |
| MAX-ISO-POLY-3                 | P=0.006**     | P=0.157       | (e)          | P=0.156     | P=0.017*    |
| HISTCONT SAME RTE              | (e)           | (e)           | (e)          | (e)         | (e)         |
| HISTCONT ALL RTES              | (e)           | (e)           | (e)          | (e)         | (e)         |
| CURR VS HC SAME RTE            | (e)           |               |              |             |             |
| CURR VS HC ALL RTES            | (e)           |               |              |             |             |

Experiment Number: 20314 - 03  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: RATS/F 344/NCTR

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Glycidamide  
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014  
 Time Report Requested: 07:40:57  
 First Dose M/F: 05/30/05 / 05/30/05  
 Lab: NCTR

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/NCTR)  
 TERMINAL SACRIFICE AT 106 WEEKS**

| DOSE                            | Males         |               |              |             |             |
|---------------------------------|---------------|---------------|--------------|-------------|-------------|
|                                 | CONTROL WATER | 0.0875 GLYCID | 0.175 GLYCID | 0.35 GLYCID | 0.70 GLYCID |
| <b>Zymbal's Gland Carcinoma</b> |               |               |              |             |             |
| <b>TUMOR RATES</b>              | #             | #             | #            | #           | #           |
| OVERALL (a)                     | 0/48 (0%)     | 0/48 (0%)     | 3/48 (6%)    | 2/47 (4%)   | 3/48 (6%)   |
| POLY-3 RATE (b)                 | 0/37.83       | 0/36.25       | 3/36.60      | 2/34.60     | 3/28.90     |
| POLY-3 PERCENT (g)              | 0%            | 0%            | 8.2%         | 5.8%        | 10.4%       |
| TERMINAL (d)                    | 0/21 (0%)     | 0/18 (0%)     | 0/15 (0%)    | 0/7 (0%)    | 0/2 (0%)    |
| FIRST INCIDENCE                 | ---           | ---           | 603          | 418         | 474         |
| HC TUMORS SAME ROUTE            | 0/0 (0%)      |               |              |             |             |
| HC TUMORS ALL ROUTES            | 0/0 (0%)      |               |              |             |             |
| <b>STATISTICAL TESTS</b>        |               |               |              |             |             |
| POLY 3                          | P=0.029*      | (e)           | P=0.111      | P=0.217     | P=0.077     |
| POLY 1.5                        | P=0.042*      | (e)           | P=0.116      | P=0.226     | P=0.094     |
| POLY 6                          | P=0.016*      | (e)           | P=0.103      | P=0.197     | P=0.055     |
| COCH-ARM / FISHERS              | P=0.063       | (e)           | P=0.121      | P=0.242     | P=0.121     |
| MAX-ISO-POLY-3                  | P=0.049*      | (e)           | P=0.037*     | P=0.073     | P=0.036*    |
| HISTCONT SAME RTE               | (e)           | (e)           | (e)          | (e)         | (e)         |
| HISTCONT ALL RTES               | (e)           | (e)           | (e)          | (e)         | (e)         |
| CURR VS HC SAME RTE             | (e)           |               |              |             |             |
| CURR VS HC ALL RTES             | (e)           |               |              |             |             |

Experiment Number: 20314 - 03  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: RATS/F 344/NCTR

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Glycidamide  
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014  
 Time Report Requested: 07:40:57  
 First Dose M/F: 05/30/05 / 05/30/05  
 Lab: NCTR

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/NCTR)  
 TERMINAL SACRIFICE AT 106 WEEKS**

| DOSE  | Males         |               |              |             |             |
|---|---------------|---------------|--------------|-------------|-------------|
|   | CONTROL WATER | 0.0875 GLYCID | 0.175 GLYCID | 0.35 GLYCID | 0.70 GLYCID |
| <b>All Organs</b>   |               |               |              |             |             |
| <b>Leukemia: Lymphocytic, Monocytic, Mononuclear, or Undifferentiated</b> |               |               |              |             |             |
| <b>TUMOR RATES</b>  | #             | #             | #            | #           | #           |
| OVERALL (a)   | 21/48 (44%)   | 26/48 (54%)   | 27/48 (56%)  | 27/47 (57%) | 31/48 (65%) |
| POLY-3 RATE (b)   | 21/42.48      | 26/43.19      | 27/41.23     | 27/41.39    | 31/40.74    |
| POLY-3 PERCENT (g)  | 49.4%         | 60.2%         | 65.5%        | 65.2%       | 76.1%       |
| TERMINAL (d)  | 7/21 (33%)    | 7/18 (39%)    | 8/15 (53%)   | 3/7 (43%)   | 1/2 (50%)   |
| FIRST INCIDENCE   | 481           | 468           | 505          | 485         | 411         |
| HC TUMORS SAME ROUTE  | 0/0 (0%)      |               |              |             |             |
| HC TUMORS ALL ROUTES  | 0/0 (0%)      |               |              |             |             |
| <b>STATISTICAL TESTS</b>  |               |               |              |             |             |
| POLY 3  | P=0.008**     | P=0.211       | P=0.093      | P=0.097     | P=0.007**   |
| POLY 1.5  | P=0.017*      | P=0.205       | P=0.117      | P=0.113     | P=0.013*    |
| POLY 6  | P=0.003**     | P=0.221       | P=0.068      | P=0.071     | P=0.002**   |
| COCH-ARM / FISHERS  | P=0.038*      | P=0.207       | P=0.154      | P=0.129     | P=0.032*    |
| MAX-ISO-POLY-3  | P=0.008**     | P=0.153       | P=0.063      | P=0.064     | P=0.004**   |
| HISTCONT SAME RTE   | (e)           | (e)           | (e)          | (e)         | (e)         |
| HISTCONT ALL RTES   | (e)           | (e)           | (e)          | (e)         | (e)         |
| CURR VS HC SAME RTE   | (e)           |               |              |             |             |
| CURR VS HC ALL RTES   | (e)           |               |              |             |             |

Experiment Number: 20314 - 03  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: RATS/F 344/NCTR

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Glycidamide  
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014  
 Time Report Requested: 07:40:57  
 First Dose M/F: 05/30/05 / 05/30/05  
 Lab: NCTR

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/NCTR)  
 TERMINAL SACRIFICE AT 106 WEEKS**

| DOSE  | Males         |               |              |             |             |
|---|---------------|---------------|--------------|-------------|-------------|
|   | CONTROL WATER | 0.0875 GLYCID | 0.175 GLYCID | 0.35 GLYCID | 0.70 GLYCID |
| <b>All Organs</b>                           |               |               |              |             |             |
| <b>Mesothelioma: Benign, Malignant, NOS</b> |               |               |              |             |             |
| <b>TUMOR RATES</b>                          | #             | #             | #            | #           | #           |
| OVERALL (a)                                 | 0/48 (0%)     | 1/48 (2%)     | 4/48 (8%)    | 10/47 (21%) | 17/48 (35%) |
| POLY-3 RATE (b)                             | 0/37.83       | 1/36.25       | 4/36.31      | 10/35.54    | 17/33.12    |
| POLY-3 PERCENT (g)                          | 0%            | 2.8%          | 11%          | 28.1%       | 51.3%       |
| TERMINAL (d)                                | 0/21 (0%)     | 1/18 (6%)     | 2/15 (13%)   | 2/7 (29%)   | 1/2 (50%)   |
| FIRST INCIDENCE                             | ---           | 737 (T)       | 686          | 556         | 474         |
| HC TUMORS SAME ROUTE                        | 0/0 (0%)      |               |              |             |             |
| HC TUMORS ALL ROUTES                        | 0/0 (0%)      |               |              |             |             |
| <b>STATISTICAL TESTS</b>                    |               |               |              |             |             |
| POLY 3                                      | P<0.001**     | P=0.491       | P=0.054      | P<0.001**   | P<0.001**   |
| POLY 1.5                                    | P<0.001**     | P=0.496       | P=0.057      | P<0.001**   | P<0.001**   |
| POLY 6                                      | P<0.001**     | P=0.483       | P=0.047*     | P<0.001**   | P<0.001**   |
| COCH-ARM / FISHERS                          | P<0.001**     | P=0.500       | P=0.059      | P<0.001**   | P<0.001**   |
| MAX-ISO-POLY-3                              | P<0.001**     | P=0.157       | P=0.018*     | P<0.001**   | P<0.001**   |
| HISTCONT SAME RTE                           | (e)           | (e)           | (e)          | (e)         | (e)         |
| HISTCONT ALL RTES                           | (e)           | (e)           | (e)          | (e)         | (e)         |
| CURR VS HC SAME RTE                         | (e)           |               |              |             |             |
| CURR VS HC ALL RTES                         | (e)           |               |              |             |             |

Experiment Number: 20314 - 03  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: RATS/F 344/NCTR

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Glycidamide  
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014  
 Time Report Requested: 07:40:57  
 First Dose M/F: 05/30/05 / 05/30/05  
 Lab: NCTR

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/NCTR)  
 TERMINAL SACRIFICE AT 106 WEEKS**

| DOSE                           | Males         |               |              |             |             |
|--------------------------------|---------------|---------------|--------------|-------------|-------------|
|                                | CONTROL WATER | 0.0875 GLYCID | 0.175 GLYCID | 0.35 GLYCID | 0.70 GLYCID |
| <b>All Organs</b>              |               |               |              |             |             |
| <b>Mesothelioma: Malignant</b> |               |               |              |             |             |
| <b>TUMOR RATES</b>             | #             | #             | #            | #           | #           |
| OVERALL (a)                    | 0/48 (0%)     | 1/48 (2%)     | 4/48 (8%)    | 10/47 (21%) | 17/48 (35%) |
| POLY-3 RATE (b)                | 0/37.83       | 1/36.25       | 4/36.31      | 10/35.54    | 17/33.12    |
| POLY-3 PERCENT (g)             | 0%            | 2.8%          | 11%          | 28.1%       | 51.3%       |
| TERMINAL (d)                   | 0/21 (0%)     | 1/18 (6%)     | 2/15 (13%)   | 2/7 (29%)   | 1/2 (50%)   |
| FIRST INCIDENCE                | ---           | 737 (T)       | 686          | 556         | 474         |
| HC TUMORS SAME ROUTE           | 0/0 (0%)      |               |              |             |             |
| HC TUMORS ALL ROUTES           | 0/0 (0%)      |               |              |             |             |
| <b>STATISTICAL TESTS</b>       |               |               |              |             |             |
| POLY 3                         | P<0.001**     | P=0.491       | P=0.054      | P<0.001**   | P<0.001**   |
| POLY 1.5                       | P<0.001**     | P=0.496       | P=0.057      | P<0.001**   | P<0.001**   |
| POLY 6                         | P<0.001**     | P=0.483       | P=0.047*     | P<0.001**   | P<0.001**   |
| COCH-ARM / FISHERS             | P<0.001**     | P=0.500       | P=0.059      | P<0.001**   | P<0.001**   |
| MAX-ISO-POLY-3                 | P<0.001**     | P=0.157       | P=0.018*     | P<0.001**   | P<0.001**   |
| HISTCONT SAME RTE              | (e)           | (e)           | (e)          | (e)         | (e)         |
| HISTCONT ALL RTES              | (e)           | (e)           | (e)          | (e)         | (e)         |
| CURR VS HC SAME RTE            | (e)           |               |              |             |             |
| CURR VS HC ALL RTES            | (e)           |               |              |             |             |



Experiment Number: 20314 - 03  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: RATS/F 344/NCTR

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Glycidamide  
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014  
 Time Report Requested: 07:40:57  
 First Dose M/F: 05/30/05 / 05/30/05  
 Lab: NCTR

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/NCTR)  
 TERMINAL SACRIFICE AT 106 WEEKS**

| DOSE                           | Males         |               |              |             |             |
|--------------------------------|---------------|---------------|--------------|-------------|-------------|
|                                | CONTROL WATER | 0.0875 GLYCID | 0.175 GLYCID | 0.35 GLYCID | 0.70 GLYCID |
| <b>All Organs</b>              |               |               |              |             |             |
| <b>Osteosarcoma or Osteoma</b> |               |               |              |             |             |
| <b>TUMOR RATES</b>             | #             | #             | #            | #           | #           |
| OVERALL (a)                    | 0/48 (0%)     | 0/48 (0%)     | 1/48 (2%)    | 2/47 (4%)   | 1/48 (2%)   |
| POLY-3 RATE (b)                | 0/37.83       | 0/36.25       | 1/36.77      | 2/33.81     | 1/26.98     |
| POLY-3 PERCENT (g)             | 0%            | 0%            | 2.7%         | 5.9%        | 3.7%        |
| TERMINAL (d)                   | 0/21 (0%)     | 0/18 (0%)     | 0/15 (0%)    | 1/7 (14%)   | 0/2 (0%)    |
| FIRST INCIDENCE                | ---           | ---           | 506          | 634         | 677         |
| HC TUMORS SAME ROUTE           | 0/0 (0%)      |               |              |             |             |
| HC TUMORS ALL ROUTES           | 0/0 (0%)      |               |              |             |             |
| <b>STATISTICAL TESTS</b>       |               |               |              |             |             |
| POLY 3                         | P=0.124       | (e)           | P=0.494      | P=0.212     | P=0.434     |
| POLY 1.5                       | P=0.171       | (e)           | P=0.498      | P=0.223     | P=0.465     |
| POLY 6                         | P=0.071       | (e)           | P=0.485      | P=0.191     | P=0.388     |
| COCH-ARM / FISHERS             | P=0.237       | (e)           | P=0.500      | P=0.242     | P=0.500     |
| MAX-ISO-POLY-3                 | P=0.215       | (e)           | P=0.157      | P=0.073     | P=0.156     |
| HISTCONT SAME RTE              | (e)           | (e)           | (e)          | (e)         | (e)         |
| HISTCONT ALL RTES              | (e)           | (e)           | (e)          | (e)         | (e)         |
| CURR VS HC SAME RTE            | (e)           |               |              |             |             |
| CURR VS HC ALL RTES            | (e)           |               |              |             |             |

Experiment Number: 20314 - 03  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: RATS/F 344/NCTR

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Glycidamide  
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014  
 Time Report Requested: 07:40:57  
 First Dose M/F: 05/30/05 / 05/30/05  
 Lab: NCTR

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/NCTR)  
 TERMINAL SACRIFICE AT 106 WEEKS**

| DOSE                     | Males         |               |              |             |             |
|--------------------------|---------------|---------------|--------------|-------------|-------------|
|                          | CONTROL WATER | 0.0875 GLYCID | 0.175 GLYCID | 0.35 GLYCID | 0.70 GLYCID |
| <b>All Organs</b>        |               |               |              |             |             |
| <b>Benign Tumors</b>     |               |               |              |             |             |
| <b>TUMOR RATES</b>       | #             | #             | #            | #           | #           |
| OVERALL (a)              | 44/48 (92%)   | 44/48 (92%)   | 46/48 (96%)  | 43/47 (91%) | 42/48 (88%) |
| POLY-3 RATE (b)          | 44/46.33      | 44/45.92      | 46/47.09     | 43/44.89    | 42/43.99    |
| POLY-3 PERCENT (g)       | 95%           | 95.8%         | 97.7%        | 95.8%       | 95.5%       |
| TERMINAL (d)             | 20/21 (95%)   | 17/18 (94%)   | 15/15 (100%) | 7/7 (100%)  | 2/2 (100%)  |
| FIRST INCIDENCE          | 403           | 466           | 449          | 488         | 428         |
| HC TUMORS SAME ROUTE     | 0/0 (0%)      |               |              |             |             |
| HC TUMORS ALL ROUTES     | 0/0 (0%)      |               |              |             |             |
| <b>STATISTICAL TESTS</b> |               |               |              |             |             |
| POLY 3                   | P=0.588N      | P=0.637       | P=0.430      | P=0.645     | P=0.685     |
| POLY 1.5                 | P=0.395N      | P=0.619       | P=0.381      | P=0.642     | P=0.603N    |
| POLY 6                   | P=0.471       | P=0.688       | P=0.507      | P=0.662     | P=0.605     |
| COCH-ARM / FISHERS       | P=0.203N      | P=0.643N      | P=0.339      | P=0.631N    | P=0.370N    |
| MAX-ISO-POLY-3           | P=0.589       | P=0.410       | P=0.204      | P=0.411     | P=0.444     |
| HISTCONT SAME RTE        | (e)           | (e)           | (e)          | (e)         | (e)         |
| HISTCONT ALL RTES        | (e)           | (e)           | (e)          | (e)         | (e)         |
| CURR VS HC SAME RTE      | (e)           |               |              |             |             |
| CURR VS HC ALL RTES      | (e)           |               |              |             |             |

Experiment Number: 20314 - 03  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: RATS/F 344/NCTR

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Glycidamide  
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014  
 Time Report Requested: 07:40:57  
 First Dose M/F: 05/30/05 / 05/30/05  
 Lab: NCTR

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/NCTR)  
 TERMINAL SACRIFICE AT 106 WEEKS**

| DOSE                     | Males         |               |              |             |             |
|--------------------------|---------------|---------------|--------------|-------------|-------------|
|                          | CONTROL WATER | 0.0875 GLYCID | 0.175 GLYCID | 0.35 GLYCID | 0.70 GLYCID |
| <b>All Organs</b>        |               |               |              |             |             |
| <b>Malignant Tumors</b>  |               |               |              |             |             |
| <b>TUMOR RATES</b>       | #             | #             | #            | #           | #           |
| OVERALL (a)              | 33/48 (69%)   | 32/48 (67%)   | 41/48 (85%)  | 41/47 (87%) | 45/48 (94%) |
| POLY-3 RATE (b)          | 33/45.13      | 32/45.30      | 41/45.71     | 41/45.99    | 45/46.22    |
| POLY-3 PERCENT (g)       | 73.1%         | 70.6%         | 89.7%        | 89.2%       | 97.4%       |
| TERMINAL (d)             | 12/21 (57%)   | 8/18 (44%)    | 13/15 (87%)  | 6/7 (86%)   | 2/2 (100%)  |
| FIRST INCIDENCE          | 481           | 466           | 498          | 418         | 411         |
| HC TUMORS SAME ROUTE     | 0/0 (0%)      |               |              |             |             |
| HC TUMORS ALL ROUTES     | 0/0 (0%)      |               |              |             |             |
| <b>STATISTICAL TESTS</b> |               |               |              |             |             |
| POLY 3                   | P<0.001**     | P=0.488N      | P=0.030*     | P=0.037*    | P<0.001**   |
| POLY 1.5                 | P<0.001**     | P=0.494N      | P=0.035*     | P=0.033*    | P<0.001**   |
| POLY 6                   | P<0.001**     | P=0.489N      | P=0.023*     | P=0.038*    | P<0.001**   |
| COCH-ARM / FISHERS       | P<0.001**     | P=0.500N      | P=0.044*     | P=0.026*    | P=0.002**   |
| MAX-ISO-POLY-3           | P<0.001**     | P=0.394N      | P=0.015*     | P=0.021*    | P<0.001**   |
| HISTCONT SAME RTE        | (e)           | (e)           | (e)          | (e)         | (e)         |
| HISTCONT ALL RTES        | (e)           | (e)           | (e)          | (e)         | (e)         |
| CURR VS HC SAME RTE      | (e)           |               |              |             |             |
| CURR VS HC ALL RTES      | (e)           |               |              |             |             |

Experiment Number: 20314 - 03  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: RATS/F 344/NCTR

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Glycidamide  
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014  
 Time Report Requested: 07:40:57  
 First Dose M/F: 05/30/05 / 05/30/05  
 Lab: NCTR

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/NCTR)  
 TERMINAL SACRIFICE AT 106 WEEKS**

| DOSE                               | Males         |               |              |              |             |
|------------------------------------|---------------|---------------|--------------|--------------|-------------|
|                                    | CONTROL WATER | 0.0875 GLYCID | 0.175 GLYCID | 0.35 GLYCID  | 0.70 GLYCID |
| <b>All Organs</b>                  |               |               |              |              |             |
| <b>Malignant and Benign Tumors</b> |               |               |              |              |             |
| <b>TUMOR RATES</b>                 | #             | #             | #            | #            | #           |
| OVERALL (a)                        | 48/48 (100%)  | 47/48 (98%)   | 48/48 (100%) | 47/47 (100%) | 47/48 (98%) |
| POLY-3 RATE (b)                    | 48/48.00      | 47/47.08      | 48/48.00     | 47/47.00     | 47/47.15    |
| POLY-3 PERCENT (g)                 | 100%          | 99.8%         | 100%         | 100%         | 99.7%       |
| TERMINAL (d)                       | 21/21 (100%)  | 18/18 (100%)  | 15/15 (100%) | 7/7 (100%)   | 2/2 (100%)  |
| FIRST INCIDENCE                    | 403           | 466           | 449          | 418          | 411         |
| HC TUMORS SAME ROUTE               | 0/0 (0%)      |               |              |              |             |
| HC TUMORS ALL ROUTES               | 0/0 (0%)      |               |              |              |             |
| <b>STATISTICAL TESTS</b>           |               |               |              |              |             |
| POLY 3                             | P=0.998N      | P=1.000N      | (e)          | (e)          | P=1.000N    |
| POLY 1.5                           | P=0.673N      | P=0.992N      | (e)          | (e)          | P=0.941N    |
| POLY 6                             | P=1.000N      | P=1.000N      | (e)          | (e)          | P=1.000N    |
| COCH-ARM / FISHERS                 | P=0.400N      | P=0.500N      | (e)          | (e)          | P=0.500N    |
| MAX-ISO-POLY-3                     | P=0.147N      | P=0.160N      | (e)          | (e)          | P=0.160N    |
| HISTCONT SAME RTE                  | (e)           | (e)           | (e)          | (e)          | (e)         |
| HISTCONT ALL RTES                  | (e)           | (e)           | (e)          | (e)          | (e)         |
| CURR VS HC SAME RTE                | (e)           |               |              |              |             |
| CURR VS HC ALL RTES                | (e)           |               |              |              |             |

Experiment Number: 20314 - 03  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: RATS/F 344/NCTR

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Glycidamide  
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014  
 Time Report Requested: 07:40:57  
 First Dose M/F: 05/30/05 / 05/30/05  
 Lab: NCTR

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/NCTR)  
 TERMINAL SACRIFICE AT 106 WEEKS**

| DOSE                           | Females       |               |              |             |             |
|--------------------------------|---------------|---------------|--------------|-------------|-------------|
|                                | CONTROL WATER | 0.0875 GLYCID | 0.175 GLYCID | 0.35 GLYCID | 0.70 GLYCID |
| <b>Adrenal Medulla</b>         |               |               |              |             |             |
| <b>Pheochromocytoma Benign</b> |               |               |              |             |             |
| <b>TUMOR RATES</b>             |               |               |              |             |             |
| OVERALL (a)                    | 3/47 (6%)     | 1/48 (2%)     | 1/47 (2%)    | 4/47 (9%)   | 2/48 (4%)   |
| POLY-3 RATE (b)                | 3/42.01       | 1/40.28       | 1/39.28      | 4/35.33     | 2/25.04     |
| POLY-3 PERCENT (g)             | 7.1%          | 2.5%          | 2.6%         | 11.3%       | 8%          |
| TERMINAL (d)                   | 3/34 (9%)     | 1/26 (4%)     | 1/26 (4%)    | 2/17 (12%)  | 1/2 (50%)   |
| FIRST INCIDENCE                | 737 (T)       | 737 (T)       | 737 (T)      | 718         | 506         |
| HC TUMORS SAME ROUTE           | 0/0 (0%)      |               |              |             |             |
| HC TUMORS ALL ROUTES           | 0/0 (0%)      |               |              |             |             |
| <b>STATISTICAL TESTS</b>       |               |               |              |             |             |
| POLY 3                         | P=0.247       | P=0.320N      | P=0.329N     | P=0.406     | P=0.629     |
| POLY 1.5                       | P=0.351       | P=0.310N      | P=0.319N     | P=0.444     | P=0.620N    |
| POLY 6                         | P=0.162       | P=0.334N      | P=0.343N     | P=0.358     | P=0.479     |
| COCH-ARM / FISHERS             | P=0.506       | P=0.301N      | P=0.308N     | P=0.500     | P=0.490N    |
| MAX-ISO-POLY-3                 | P=0.416       | P=0.170N      | P=0.178N     | P=0.280     | P=0.461     |
| HISTCONT SAME RTE              | (e)           | (e)           | (e)          | (e)         | (e)         |
| HISTCONT ALL RTES              | (e)           | (e)           | (e)          | (e)         | (e)         |
| CURR VS HC SAME RTE            | (e)           |               |              |             |             |
| CURR VS HC ALL RTES            | (e)           |               |              |             |             |

Experiment Number: 20314 - 03  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: RATS/F 344/NCTR

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Glycidamide  
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014  
 Time Report Requested: 07:40:57  
 First Dose M/F: 05/30/05 / 05/30/05  
 Lab: NCTR

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/NCTR)  
 TERMINAL SACRIFICE AT 106 WEEKS**

| DOSE                            | Females       |               |              |             |             |
|---------------------------------|---------------|---------------|--------------|-------------|-------------|
|                                 | CONTROL WATER | 0.0875 GLYCID | 0.175 GLYCID | 0.35 GLYCID | 0.70 GLYCID |
| <b>Adrenal Medulla</b>          |               |               |              |             |             |
| <b>Pheochromocytoma Complex</b> |               |               |              |             |             |
| <b>TUMOR RATES</b>              |               |               |              |             |             |
| OVERALL (a)                     | 0/47 (0%)     | 0/48 (0%)     | 0/47 (0%)    | 0/47 (0%)   | 1/48 (2%)   |
| POLY-3 RATE (b)                 | 0/42.01       | 0/40.28       | 0/39.28      | 0/35.19     | 1/24.95     |
| POLY-3 PERCENT (g)              | 0%            | 0%            | 0%           | 0%          | 4%          |
| TERMINAL (d)                    | 0/34 (0%)     | 0/26 (0%)     | 0/26 (0%)    | 0/17 (0%)   | 0/2 (0%)    |
| FIRST INCIDENCE                 | ---           | ---           | ---          | ---         | 550         |
| HC TUMORS SAME ROUTE            | 0/0 (0%)      |               |              |             |             |
| HC TUMORS ALL ROUTES            | 0/0 (0%)      |               |              |             |             |
| <b>STATISTICAL TESTS</b>        |               |               |              |             |             |
| POLY 3                          | (n)           | (n)           | (n)          | (n)         | (n)         |
| POLY 1.5                        | (n)           | (n)           | (n)          | (n)         | (n)         |
| POLY 6                          | (n)           | (n)           | (n)          | (n)         | (n)         |
| COCH-ARM / FISHERS              | (n)           | (n)           | (n)          | (n)         | (n)         |
| MAX-ISO-POLY-3                  | (n)           | (n)           | (n)          | (n)         | (n)         |
| HISTCONT SAME RTE               | (n)           | (n)           | (n)          | (n)         | (n)         |
| HISTCONT ALL RTES               | (n)           | (n)           | (n)          | (n)         | (n)         |
| CURR VS HC SAME RTE             | (n)           |               |              |             |             |
| CURR VS HC ALL RTES             | (n)           |               |              |             |             |

Experiment Number: 20314 - 03  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: RATS/F 344/NCTR

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Glycidamide  
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014  
 Time Report Requested: 07:40:57  
 First Dose M/F: 05/30/05 / 05/30/05  
 Lab: NCTR

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/NCTR)  
 TERMINAL SACRIFICE AT 106 WEEKS**

| DOSE                              | Females       |               |              |             |             |
|-----------------------------------|---------------|---------------|--------------|-------------|-------------|
|                                   | CONTROL WATER | 0.0875 GLYCID | 0.175 GLYCID | 0.35 GLYCID | 0.70 GLYCID |
| <b>Adrenal Medulla</b>            |               |               |              |             |             |
| <b>Pheochromocytoma Malignant</b> |               |               |              |             |             |
| <b>TUMOR RATES</b>                |               |               |              |             |             |
| OVERALL (a)                       | 0/47 (0%)     | 0/48 (0%)     | 1/47 (2%)    | 1/47 (2%)   | 0/48 (0%)   |
| POLY-3 RATE (b)                   | 0/42.01       | 0/40.28       | 1/39.92      | 1/35.19     | 0/24.37     |
| POLY-3 PERCENT (g)                | 0%            | 0%            | 2.5%         | 2.8%        | 0%          |
| TERMINAL (d)                      | 0/34 (0%)     | 0/26 (0%)     | 0/26 (0%)    | 1/17 (6%)   | 0/2 (0%)    |
| FIRST INCIDENCE                   | ---           | ---           | 522          | 737 (T)     | ---         |
| HC TUMORS SAME ROUTE              | 0/0 (0%)      |               |              |             |             |
| HC TUMORS ALL ROUTES              | 0/0 (0%)      |               |              |             |             |
| <b>STATISTICAL TESTS</b>          |               |               |              |             |             |
| POLY 3                            | (n)           | (n)           | (n)          | (n)         | (n)         |
| POLY 1.5                          | (n)           | (n)           | (n)          | (n)         | (n)         |
| POLY 6                            | (n)           | (n)           | (n)          | (n)         | (n)         |
| COCH-ARM / FISHERS                | (n)           | (n)           | (n)          | (n)         | (n)         |
| MAX-ISO-POLY-3                    | (n)           | (n)           | (n)          | (n)         | (n)         |
| HISTCONT SAME RTE                 | (n)           | (n)           | (n)          | (n)         | (n)         |
| HISTCONT ALL RTES                 | (n)           | (n)           | (n)          | (n)         | (n)         |
| CURR VS HC SAME RTE               | (n)           |               |              |             |             |
| CURR VS HC ALL RTES               | (n)           |               |              |             |             |

Experiment Number: 20314 - 03  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: RATS/F 344/NCTR

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Glycidamide  
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014  
 Time Report Requested: 07:40:57  
 First Dose M/F: 05/30/05 / 05/30/05  
 Lab: NCTR

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/NCTR)  
 TERMINAL SACRIFICE AT 106 WEEKS**

| DOSE   | Females       |               |              |             |             |
|--|---------------|---------------|--------------|-------------|-------------|
|  | CONTROL WATER | 0.0875 GLYCID | 0.175 GLYCID | 0.35 GLYCID | 0.70 GLYCID |
| <b>Adrenal Medulla</b>                                   |               |               |              |             |             |
| <b>Pheochromocytoma: Benign, Complex, Malignant, NOS</b> |               |               |              |             |             |
| <b>TUMOR RATES</b>                                       |               |               |              |             |             |
| OVERALL (a)  | 3/47 (6%)     | 1/48 (2%)     | 2/47 (4%)    | 5/47 (11%)  | 3/48 (6%)   |
| POLY-3 RATE (b)  | 3/42.01       | 1/40.28       | 2/39.92      | 5/35.33     | 3/25.63     |
| POLY-3 PERCENT (g)                                       | 7.1%          | 2.5%          | 5%           | 14.2%       | 11.7%       |
| TERMINAL (d)   | 3/34 (9%)     | 1/26 (4%)     | 1/26 (4%)    | 3/17 (18%)  | 1/2 (50%)   |
| FIRST INCIDENCE  | 737 (T)       | 737 (T)       | 522          | 718         | 506         |
| HC TUMORS SAME ROUTE                                     | 0/0 (0%)      |               |              |             |             |
| HC TUMORS ALL ROUTES                                     | 0/0 (0%)      |               |              |             |             |
| <b>STATISTICAL TESTS</b>                                 |               |               |              |             |             |
| POLY 3   | P=0.105       | P=0.320N      | P=0.523N     | P=0.265     | P=0.426     |
| POLY 1.5   | P=0.179       | P=0.310N      | P=0.514N     | P=0.300     | P=0.538     |
| POLY 6   | P=0.053       | P=0.334N      | P=0.536N     | P=0.222     | P=0.284     |
| COCH-ARM / FISHERS                                       | P=0.320       | P=0.301N      | P=0.500N     | P=0.357     | P=0.651N    |
| MAX-ISO-POLY-3   | P=0.181       | P=0.170N      | P=0.347N     | P=0.177     | P=0.309     |
| HISTCONT SAME RTE  | (e)           | (e)           | (e)          | (e)         | (e)         |
| HISTCONT ALL RTES  | (e)           | (e)           | (e)          | (e)         | (e)         |
| CURR VS HC SAME RTE                                      | (e)           |               |              |             |             |
| CURR VS HC ALL RTES                                      | (e)           |               |              |             |             |



Experiment Number: 20314 - 03  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: RATS/F 344/NCTR

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Glycidamide  
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014  
 Time Report Requested: 07:40:57  
 First Dose M/F: 05/30/05 / 05/30/05  
 Lab: NCTR

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/NCTR)  
 TERMINAL SACRIFICE AT 106 WEEKS**

| DOSE                                    | Females       |               |              |             |             |
|---|---------------|---------------|--------------|-------------|-------------|
|   | CONTROL WATER | 0.0875 GLYCID | 0.175 GLYCID | 0.35 GLYCID | 0.70 GLYCID |
| <b>Clitoral/Preputial Gland Adenoma</b> |               |               |              |             |             |
| <b>TUMOR RATES</b>                      |               |               |              |             |             |
| OVERALL (a)                             | 6/48 (13%)    | 3/48 (6%)     | 6/48 (13%)   | 3/48 (6%)   | 5/47 (11%)  |
| POLY-3 RATE (b)                         | 6/43.25       | 3/40.28       | 6/40.28      | 3/35.70     | 5/26.25     |
| POLY-3 PERCENT (g)                      | 13.9%         | 7.5%          | 14.9%        | 8.4%        | 19.1%       |
| TERMINAL (d)                            | 5/35 (14%)    | 3/26 (12%)    | 6/27 (22%)   | 1/17 (6%)   | 0/2 (0%)    |
| FIRST INCIDENCE                         | 672           | 737 (T)       | 737 (T)      | 697         | 466         |
| HC TUMORS SAME ROUTE                    | 0/0 (0%)      |               |              |             |             |
| HC TUMORS ALL ROUTES                    | 0/0 (0%)      |               |              |             |             |
| <b>STATISTICAL TESTS</b>                |               |               |              |             |             |
| POLY 3                                  | P=0.342       | P=0.277N      | P=0.571      | P=0.344N    | P=0.412     |
| POLY 1.5                                | P=0.449       | P=0.261N      | P=0.592      | P=0.301N    | P=0.557     |
| POLY 6                                  | P=0.240       | P=0.301N      | P=0.542      | P=0.403N    | P=0.240     |
| COCH-ARM / FISHERS                      | P=0.515N      | P=0.243N      | P=0.621N     | P=0.243N    | P=0.515N    |
| MAX-ISO-POLY-3                          | P=0.385       | P=0.180N      | P=0.449      | P=0.244N    | P=0.325     |
| HISTCONT SAME RTE                       | (e)           | (e)           | (e)          | (e)         | (e)         |
| HISTCONT ALL RTES                       | (e)           | (e)           | (e)          | (e)         | (e)         |
| CURR VS HC SAME RTE                     | (e)           |               |              |             |             |
| CURR VS HC ALL RTES                     | (e)           |               |              |             |             |

Experiment Number: 20314 - 03  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: RATS/F 344/NCTR

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**

Glycidamide  
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014  
 Time Report Requested: 07:40:57  
 First Dose M/F: 05/30/05 / 05/30/05  
 Lab: NCTR

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/NCTR)  
 TERMINAL SACRIFICE AT 106 WEEKS**

| DOSE                                      | Females       |               |              |             |             |
|---|---------------|---------------|--------------|-------------|-------------|
|   | CONTROL WATER | 0.0875 GLYCID | 0.175 GLYCID | 0.35 GLYCID | 0.70 GLYCID |
| <b>Clitoral/Preputial Gland Carcinoma</b> |               |               |              |             |             |
| <b>TUMOR RATES</b>                        |               |               |              |             |             |
| OVERALL (a)                               | 4/48 (8%)     | 6/48 (13%)    | 7/48 (15%)   | 11/48 (23%) | 14/47 (30%) |
| POLY-3 RATE (b)                           | 4/43.01       | 6/41.45       | 7/41.11      | 11/36.80    | 14/30.92    |
| POLY-3 PERCENT (g)                        | 9.3%          | 14.5%         | 17%          | 29.9%       | 45.3%       |
| TERMINAL (d)                              | 4/35 (11%)    | 3/26 (12%)    | 5/27 (19%)   | 6/17 (35%)  | 1/2 (50%)   |
| FIRST INCIDENCE                           | 737 (T)       | 571           | 514          | 481         | 375         |
| HC TUMORS SAME ROUTE                      | 0/0 (0%)      |               |              |             |             |
| HC TUMORS ALL ROUTES                      | 0/0 (0%)      |               |              |             |             |
| <b>STATISTICAL TESTS</b>                  |               |               |              |             |             |
| POLY 3                                    | P<0.001**     | P=0.345       | P=0.234      | P=0.017*    | P<0.001**   |
| POLY 1.5                                  | P<0.001**     | P=0.356       | P=0.245      | P=0.026*    | P<0.001**   |
| POLY 6                                    | P<0.001**     | P=0.332       | P=0.220      | P=0.011*    | P<0.001**   |
| COCH-ARM / FISHERS                        | P=0.002**     | P=0.370       | P=0.262      | P=0.045*    | P=0.007**   |
| MAX-ISO-POLY-3                            | P<0.001**     | P=0.235       | P=0.151      | P=0.013*    | P<0.001**   |
| HISTCONT SAME RTE                         | (e)           | (e)           | (e)          | (e)         | (e)         |
| HISTCONT ALL RTES                         | (e)           | (e)           | (e)          | (e)         | (e)         |
| CURR VS HC SAME RTE                       | (e)           |               |              |             |             |
| CURR VS HC ALL RTES                       | (e)           |               |              |             |             |

Experiment Number: 20314 - 03  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: RATS/F 344/NCTR

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Glycidamide  
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014  
 Time Report Requested: 07:40:57  
 First Dose M/F: 05/30/05 / 05/30/05  
 Lab: NCTR

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/NCTR)  
 TERMINAL SACRIFICE AT 106 WEEKS**

| DOSE   | Females       |               |              |             |             |
|--|---------------|---------------|--------------|-------------|-------------|
|  | CONTROL WATER | 0.0875 GLYCID | 0.175 GLYCID | 0.35 GLYCID | 0.70 GLYCID |
| <b>Clitoral/Preputial Gland<br/>Carcinoma or Adenoma</b> |               |               |              |             |             |
| <b>TUMOR RATES</b>                                       |               |               |              |             |             |
| OVERALL (a)  | 10/48 (21%)   | 9/48 (19%)    | 13/48 (27%)  | 13/48 (27%) | 18/47 (38%) |
| POLY-3 RATE (b)  | 10/43.25      | 9/41.45       | 13/41.11     | 13/36.96    | 18/32.90    |
| POLY-3 PERCENT (g)                                       | 23.1%         | 21.7%         | 31.6%        | 35.2%       | 54.7%       |
| TERMINAL (d)   | 9/35 (26%)    | 6/26 (23%)    | 11/27 (41%)  | 7/17 (41%)  | 1/2 (50%)   |
| FIRST INCIDENCE  | 672           | 571           | 514          | 481         | 375         |
| HC TUMORS SAME ROUTE                                     | 0/0 (0%)      |               |              |             |             |
| HC TUMORS ALL ROUTES                                     | 0/0 (0%)      |               |              |             |             |
| <b>STATISTICAL TESTS</b>                                 |               |               |              |             |             |
| POLY 3   | P<0.001**     | P=0.542N      | P=0.263      | P=0.171     | P=0.003**   |
| POLY 1.5   | P=0.003**     | P=0.524N      | P=0.285      | P=0.224     | P=0.012*    |
| POLY 6   | P<0.001**     | P=0.568N      | P=0.234      | P=0.118     | P<0.001**   |
| COCH-ARM / FISHERS                                       | P=0.016*      | P=0.500N      | P=0.317      | P=0.317     | P=0.050*    |
| MAX-ISO-POLY-3   | P<0.001**     | P=0.439N      | P=0.194      | P=0.131     | P=0.004**   |
| HISTCONT SAME RTE  | (e)           | (e)           | (e)          | (e)         | (e)         |
| HISTCONT ALL RTES  | (e)           | (e)           | (e)          | (e)         | (e)         |
| CURR VS HC SAME RTE                                      | (e)           |               |              |             |             |
| CURR VS HC ALL RTES                                      | (e)           |               |              |             |             |

Experiment Number: 20314 - 03  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: RATS/F 344/NCTR

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Glycidamide  
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014  
 Time Report Requested: 07:40:57  
 First Dose M/F: 05/30/05 / 05/30/05  
 Lab: NCTR

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/NCTR)  
 TERMINAL SACRIFICE AT 106 WEEKS**

| DOSE  | Females       |               |              |             |             |
|---|---------------|---------------|--------------|-------------|-------------|
|   | CONTROL WATER | 0.0875 GLYCID | 0.175 GLYCID | 0.35 GLYCID | 0.70 GLYCID |
| <b>Clitoral/Preputial Gland<br/>Squamous Cell Carcinoma</b> |               |               |              |             |             |
| <b>TUMOR RATES</b>  |               |               |              |             |             |
| OVERALL (a)   | 2/48 (4%)     | 0/48 (0%)     | 0/48 (0%)    | 0/48 (0%)   | 0/47 (0%)   |
| POLY-3 RATE (b)   | 2/43.01       | 0/40.28       | 0/40.28      | 0/35.47     | 0/23.76     |
| POLY-3 PERCENT (g)  | 4.7%          | 0%            | 0%           | 0%          | 0%          |
| TERMINAL (d)  | 2/35 (6%)     | 0/26 (0%)     | 0/27 (0%)    | 0/17 (0%)   | 0/2 (0%)    |
| FIRST INCIDENCE   | 737 (T)       | ---           | ---          | ---         | ---         |
| HC TUMORS SAME ROUTE  | 0/0 (0%)      |               |              |             |             |
| HC TUMORS ALL ROUTES  | 0/0 (0%)      |               |              |             |             |
| <b>STATISTICAL TESTS</b>                                    |               |               |              |             |             |
| POLY 3  | P=0.112N      | P=0.252N      | P=0.252N     | P=0.282N    | P=0.385N    |
| POLY 1.5  | P=0.136N      | P=0.245N      | P=0.246N     | P=0.263N    | P=0.317N    |
| POLY 6  | P=0.100N      | P=0.261N      | P=0.260N     | P=0.308N    | P=0.484N    |
| COCH-ARM / FISHERS  | P=0.159N      | P=0.247N      | P=0.247N     | P=0.247N    | P=0.253N    |
| MAX-ISO-POLY-3  | P=0.180N      | P=0.090N      | P=0.090N     | P=0.118N    | P=0.212N    |
| HISTCONT SAME RTE   | (e)           | (e)           | (e)          | (e)         | (e)         |
| HISTCONT ALL RTES   | (e)           | (e)           | (e)          | (e)         | (e)         |
| CURR VS HC SAME RTE   | (e)           |               |              |             |             |
| CURR VS HC ALL RTES   | (e)           |               |              |             |             |

Experiment Number: 20314 - 03  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: RATS/F 344/NCTR

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Glycidamide  
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014  
 Time Report Requested: 07:40:57  
 First Dose M/F: 05/30/05 / 05/30/05  
 Lab: NCTR

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/NCTR)  
 TERMINAL SACRIFICE AT 106 WEEKS**

| DOSE  | Females       |               |              |             |             |
|---|---------------|---------------|--------------|-------------|-------------|
|   | CONTROL WATER | 0.0875 GLYCID | 0.175 GLYCID | 0.35 GLYCID | 0.70 GLYCID |
| <b>Clitoral/Preputial Gland<br/>Squamous Cell Papilloma</b> |               |               |              |             |             |
| <b>TUMOR RATES</b>  |               |               |              |             |             |
| OVERALL (a)   | 0/48 (0%)     | 0/48 (0%)     | 0/48 (0%)    | 1/48 (2%)   | 2/47 (4%)   |
| POLY-3 RATE (b)   | 0/43.01       | 0/40.28       | 0/40.28      | 1/35.47     | 2/24.16     |
| POLY-3 PERCENT (g)  | 0%            | 0%            | 0%           | 2.8%        | 8.3%        |
| TERMINAL (d)  | 0/35 (0%)     | 0/26 (0%)     | 0/27 (0%)    | 1/17 (6%)   | 1/2 (50%)   |
| FIRST INCIDENCE   | ---           | ---           | ---          | 737 (T)     | 620         |
| HC TUMORS SAME ROUTE  | 0/0 (0%)      |               |              |             |             |
| HC TUMORS ALL ROUTES  | 0/0 (0%)      |               |              |             |             |
| <b>STATISTICAL TESTS</b>                                    |               |               |              |             |             |
| POLY 3  | P=0.014*      | (e)           | (e)          | P=0.462     | P=0.137     |
| POLY 1.5  | P=0.019*      | (e)           | (e)          | P=0.477     | P=0.174     |
| POLY 6  | P=0.015*      | (e)           | (e)          | P=0.442     | P=0.101     |
| COCH-ARM / FISHERS  | P=0.031*      | (e)           | (e)          | P=0.500     | P=0.242     |
| MAX-ISO-POLY-3  | P=0.022*      | (e)           | (e)          | P=0.157     | P=0.072     |
| HISTCONT SAME RTE   | (e)           | (e)           | (e)          | (e)         | (e)         |
| HISTCONT ALL RTES   | (e)           | (e)           | (e)          | (e)         | (e)         |
| CURR VS HC SAME RTE   | (e)           |               |              |             |             |
| CURR VS HC ALL RTES   | (e)           |               |              |             |             |

Experiment Number: 20314 - 03  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: RATS/F 344/NCTR

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Glycidamide  
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014  
 Time Report Requested: 07:40:57  
 First Dose M/F: 05/30/05 / 05/30/05  
 Lab: NCTR

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/NCTR)  
 TERMINAL SACRIFICE AT 106 WEEKS**

| DOSE                        | Females       |               |              |             |             |
|-----------------------------|---------------|---------------|--------------|-------------|-------------|
|                             | CONTROL WATER | 0.0875 GLYCID | 0.175 GLYCID | 0.35 GLYCID | 0.70 GLYCID |
| <b>Heart</b>                |               |               |              |             |             |
| <b>Schwannoma Malignant</b> |               |               |              |             |             |
| <b>TUMOR RATES</b>          |               |               |              |             |             |
| OVERALL (a)                 | 2/48 (4%)     | 1/48 (2%)     | 4/48 (8%)    | 2/48 (4%)   | 1/48 (2%)   |
| POLY-3 RATE (b)             | 2/43.25       | 1/40.28       | 4/40.90      | 2/35.75     | 1/24.70     |
| POLY-3 PERCENT (g)          | 4.6%          | 2.5%          | 9.8%         | 5.6%        | 4.1%        |
| TERMINAL (d)                | 1/35 (3%)     | 1/26 (4%)     | 2/27 (7%)    | 1/17 (6%)   | 0/2 (0%)    |
| FIRST INCIDENCE             | 672           | 737 (T)       | 555          | 660         | 645         |
| HC TUMORS SAME ROUTE        | 0/0 (0%)      |               |              |             |             |
| HC TUMORS ALL ROUTES        | 0/0 (0%)      |               |              |             |             |
| <b>STATISTICAL TESTS</b>    |               |               |              |             |             |
| POLY 3                      | P=0.512       | P=0.525N      | P=0.311      | P=0.623     | P=0.679N    |
| POLY 1.5                    | P=0.504N      | P=0.514N      | P=0.322      | P=0.652     | P=0.603N    |
| POLY 6                      | P=0.362       | P=0.541N      | P=0.297      | P=0.585     | P=0.638     |
| COCH-ARM / FISHERS          | P=0.366N      | P=0.500N      | P=0.339      | P=0.692N    | P=0.500N    |
| MAX-ISO-POLY-3              | P=0.576       | P=0.307N      | P=0.186      | P=0.430     | P=0.466N    |
| HISTCONT SAME RTE           | (e)           | (e)           | (e)          | (e)         | (e)         |
| HISTCONT ALL RTEs           | (e)           | (e)           | (e)          | (e)         | (e)         |
| CURR VS HC SAME RTE         | (e)           |               |              |             |             |
| CURR VS HC ALL RTEs         | (e)           |               |              |             |             |

Experiment Number: 20314 - 03  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: RATS/F 344/NCTR

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Glycidamide  
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014  
 Time Report Requested: 07:40:57  
 First Dose M/F: 05/30/05 / 05/30/05  
 Lab: NCTR

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/NCTR)  
 TERMINAL SACRIFICE AT 106 WEEKS**

| DOSE                              | Females       |               |              |             |             |
|-----------------------------------|---------------|---------------|--------------|-------------|-------------|
|                                   | CONTROL WATER | 0.0875 GLYCID | 0.175 GLYCID | 0.35 GLYCID | 0.70 GLYCID |
| <b>Islets, Pancreatic Adenoma</b> |               |               |              |             |             |
| <b>TUMOR RATES</b>                |               |               |              |             |             |
| OVERALL (a)                       | 0/48 (0%)     | 1/48 (2%)     | 0/48 (0%)    | 0/48 (0%)   | 0/47 (0%)   |
| POLY-3 RATE (b)                   | 0/43.01       | 1/40.49       | 0/40.28      | 0/35.47     | 0/24.16     |
| POLY-3 PERCENT (g)                | 0%            | 2.5%          | 0%           | 0%          | 0%          |
| TERMINAL (d)                      | 0/35 (0%)     | 0/26 (0%)     | 0/27 (0%)    | 0/17 (0%)   | 0/2 (0%)    |
| FIRST INCIDENCE                   | ---           | 680           | ---          | ---         | ---         |
| HC TUMORS SAME ROUTE              | 0/0 (0%)      |               |              |             |             |
| HC TUMORS ALL ROUTES              | 0/0 (0%)      |               |              |             |             |
| <b>STATISTICAL TESTS</b>          |               |               |              |             |             |
| POLY 3                            | (n)           | (n)           | (n)          | (n)         | (n)         |
| POLY 1.5                          | (n)           | (n)           | (n)          | (n)         | (n)         |
| POLY 6                            | (n)           | (n)           | (n)          | (n)         | (n)         |
| COCH-ARM / FISHERS                | (n)           | (n)           | (n)          | (n)         | (n)         |
| MAX-ISO-POLY-3                    | (n)           | (n)           | (n)          | (n)         | (n)         |
| HISTCONT SAME RTE                 | (n)           | (n)           | (n)          | (n)         | (n)         |
| HISTCONT ALL RTES                 | (n)           | (n)           | (n)          | (n)         | (n)         |
| CURR VS HC SAME RTE               | (n)           |               |              |             |             |
| CURR VS HC ALL RTES               | (n)           |               |              |             |             |

Experiment Number: 20314 - 03  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: RATS/F 344/NCTR

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Glycidamide  
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014  
 Time Report Requested: 07:40:57  
 First Dose M/F: 05/30/05 / 05/30/05  
 Lab: NCTR

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/NCTR)  
 TERMINAL SACRIFICE AT 106 WEEKS**

| DOSE   | Females       |               |              |             |             |
|--|---------------|---------------|--------------|-------------|-------------|
|  | CONTROL WATER | 0.0875 GLYCID | 0.175 GLYCID | 0.35 GLYCID | 0.70 GLYCID |
| <b>Islets, Pancreatic<br/>Carcinoma or Adenoma</b> |               |               |              |             |             |
| <b>TUMOR RATES</b>                                 |               |               |              |             |             |
| OVERALL (a)  | 0/48 (0%)     | 1/48 (2%)     | 0/48 (0%)    | 0/48 (0%)   | 0/47 (0%)   |
| POLY-3 RATE (b)                                    | 0/43.01       | 1/40.49       | 0/40.28      | 0/35.47     | 0/24.16     |
| POLY-3 PERCENT (g)                                 | 0%            | 2.5%          | 0%           | 0%          | 0%          |
| TERMINAL (d)                                       | 0/35 (0%)     | 0/26 (0%)     | 0/27 (0%)    | 0/17 (0%)   | 0/2 (0%)    |
| FIRST INCIDENCE                                    | ---           | 680           | ---          | ---         | ---         |
| HC TUMORS SAME ROUTE                               | 0/0 (0%)      |               |              |             |             |
| HC TUMORS ALL ROUTES                               | 0/0 (0%)      |               |              |             |             |
| <b>STATISTICAL TESTS</b>                           |               |               |              |             |             |
| POLY 3   | (n)           | (n)           | (n)          | (n)         | (n)         |
| POLY 1.5   | (n)           | (n)           | (n)          | (n)         | (n)         |
| POLY 6   | (n)           | (n)           | (n)          | (n)         | (n)         |
| COCH-ARM / FISHERS                                 | (n)           | (n)           | (n)          | (n)         | (n)         |
| MAX-ISO-POLY-3                                     | (n)           | (n)           | (n)          | (n)         | (n)         |
| HISTCONT SAME RTE                                  | (n)           | (n)           | (n)          | (n)         | (n)         |
| HISTCONT ALL RTES                                  | (n)           | (n)           | (n)          | (n)         | (n)         |
| CURR VS HC SAME RTE                                | (n)           |               |              |             |             |
| CURR VS HC ALL RTES                                | (n)           |               |              |             |             |



Experiment Number: 20314 - 03  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: RATS/F 344/NCTR

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Glycidamide  
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014  
 Time Report Requested: 07:40:57  
 First Dose M/F: 05/30/05 / 05/30/05  
 Lab: NCTR

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/NCTR)  
 TERMINAL SACRIFICE AT 106 WEEKS**

| DOSE                          | Females       |               |              |             |             |
|-------------------------------|---------------|---------------|--------------|-------------|-------------|
|                               | CONTROL WATER | 0.0875 GLYCID | 0.175 GLYCID | 0.35 GLYCID | 0.70 GLYCID |
| <b>Liver</b>                  |               |               |              |             |             |
| <b>Hepatocellular Adenoma</b> |               |               |              |             |             |
| <b>TUMOR RATES</b>            |               |               |              |             |             |
| OVERALL (a)                   | 1/48 (2%)     | 0/48 (0%)     | 0/48 (0%)    | 0/48 (0%)   | 0/48 (0%)   |
| POLY-3 RATE (b)               | 1/43.01       | 0/40.28       | 0/40.28      | 0/35.47     | 0/24.37     |
| POLY-3 PERCENT (g)            | 2.3%          | 0%            | 0%           | 0%          | 0%          |
| TERMINAL (d)                  | 1/35 (3%)     | 0/26 (0%)     | 0/27 (0%)    | 0/17 (0%)   | 0/2 (0%)    |
| FIRST INCIDENCE               | 737 (T)       | ---           | ---          | ---         | ---         |
| HC TUMORS SAME ROUTE          | 0/0 (0%)      |               |              |             |             |
| HC TUMORS ALL ROUTES          | 0/0 (0%)      |               |              |             |             |
| <b>STATISTICAL TESTS</b>      |               |               |              |             |             |
| POLY 3                        | (n)           | (n)           | (n)          | (n)         | (n)         |
| POLY 1.5                      | (n)           | (n)           | (n)          | (n)         | (n)         |
| POLY 6                        | (n)           | (n)           | (n)          | (n)         | (n)         |
| COCH-ARM / FISHERS            | (n)           | (n)           | (n)          | (n)         | (n)         |
| MAX-ISO-POLY-3                | (n)           | (n)           | (n)          | (n)         | (n)         |
| HISTCONT SAME RTE             | (n)           | (n)           | (n)          | (n)         | (n)         |
| HISTCONT ALL RTES             | (n)           | (n)           | (n)          | (n)         | (n)         |
| CURR VS HC SAME RTE           | (n)           |               |              |             |             |
| CURR VS HC ALL RTES           | (n)           |               |              |             |             |

Experiment Number: 20314 - 03  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: RATS/F 344/NCTR

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Glycidamide  
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014  
 Time Report Requested: 07:40:57  
 First Dose M/F: 05/30/05 / 05/30/05  
 Lab: NCTR

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/NCTR)  
 TERMINAL SACRIFICE AT 106 WEEKS**

| DOSE                                | Females       |               |              |             |             |
|-------------------------------------|---------------|---------------|--------------|-------------|-------------|
|                                     | CONTROL WATER | 0.0875 GLYCID | 0.175 GLYCID | 0.35 GLYCID | 0.70 GLYCID |
| <b>Lung</b>                         |               |               |              |             |             |
| <b>Alveolar/Bronchiolar Adenoma</b> |               |               |              |             |             |
| <b>TUMOR RATES</b>                  |               |               |              |             |             |
| OVERALL (a)                         | 0/48 (0%)     | 0/48 (0%)     | 1/48 (2%)    | 0/48 (0%)   | 0/48 (0%)   |
| POLY-3 RATE (b)                     | 0/43.01       | 0/40.28       | 1/40.28      | 0/35.47     | 0/24.37     |
| POLY-3 PERCENT (g)                  | 0%            | 0%            | 2.5%         | 0%          | 0%          |
| TERMINAL (d)                        | 0/35 (0%)     | 0/26 (0%)     | 1/27 (4%)    | 0/17 (0%)   | 0/2 (0%)    |
| FIRST INCIDENCE                     | ---           | ---           | 737 (T)      | ---         | ---         |
| HC TUMORS SAME ROUTE                | 0/0 (0%)      |               |              |             |             |
| HC TUMORS ALL ROUTES                | 0/0 (0%)      |               |              |             |             |
| <b>STATISTICAL TESTS</b>            |               |               |              |             |             |
| POLY 3                              | (n)           | (n)           | (n)          | (n)         | (n)         |
| POLY 1.5                            | (n)           | (n)           | (n)          | (n)         | (n)         |
| POLY 6                              | (n)           | (n)           | (n)          | (n)         | (n)         |
| COCH-ARM / FISHERS                  | (n)           | (n)           | (n)          | (n)         | (n)         |
| MAX-ISO-POLY-3                      | (n)           | (n)           | (n)          | (n)         | (n)         |
| HISTCONT SAME RTE                   | (n)           | (n)           | (n)          | (n)         | (n)         |
| HISTCONT ALL RTES                   | (n)           | (n)           | (n)          | (n)         | (n)         |
| CURR VS HC SAME RTE                 | (n)           |               |              |             |             |
| CURR VS HC ALL RTES                 | (n)           |               |              |             |             |

Experiment Number: 20314 - 03  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: RATS/F 344/NCTR

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Glycidamide  
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014  
 Time Report Requested: 07:40:57  
 First Dose M/F: 05/30/05 / 05/30/05  
 Lab: NCTR

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/NCTR)  
 TERMINAL SACRIFICE AT 106 WEEKS**

| DOSE                         | Females       |               |              |             |             |
|------------------------------|---------------|---------------|--------------|-------------|-------------|
|                              | CONTROL WATER | 0.0875 GLYCID | 0.175 GLYCID | 0.35 GLYCID | 0.70 GLYCID |
| <b>Mammary Gland Adenoma</b> |               |               |              |             |             |
| <b>TUMOR RATES</b>           | #             | #             | #            | #           | #           |
| OVERALL (a)                  | 2/48 (4%)     | 0/48 (0%)     | 1/48 (2%)    | 0/48 (0%)   | 4/48 (8%)   |
| POLY-3 RATE (b)              | 2/43.09       | 0/40.28       | 1/40.28      | 0/35.47     | 4/25.63     |
| POLY-3 PERCENT (g)           | 4.6%          | 0%            | 2.5%         | 0%          | 15.6%       |
| TERMINAL (d)                 | 1/35 (3%)     | 0/26 (0%)     | 1/27 (4%)    | 0/17 (0%)   | 1/2 (50%)   |
| FIRST INCIDENCE              | 715           | ---           | 737 (T)      | ---         | 551         |
| HC TUMORS SAME ROUTE         | 0/0 (0%)      |               |              |             |             |
| HC TUMORS ALL ROUTES         | 0/0 (0%)      |               |              |             |             |
| <b>STATISTICAL TESTS</b>     |               |               |              |             |             |
| POLY 3                       | P=0.050*      | P=0.252N      | P=0.524N     | P=0.283N    | P=0.146     |
| POLY 1.5                     | P=0.053       | P=0.246N      | P=0.514N     | P=0.264N    | P=0.218     |
| POLY 6                       | P=0.067       | P=0.262N      | P=0.536N     | P=0.309N    | P=0.079     |
| COCH-ARM / FISHERS           | P=0.068       | P=0.247N      | P=0.500N     | P=0.247N    | P=0.339     |
| MAX-ISO-POLY-3               | P=0.025*      | P=0.090N      | P=0.305N     | P=0.118N    | P=0.112     |
| HISTCONT SAME RTE            | (e)           | (e)           | (e)          | (e)         | (e)         |
| HISTCONT ALL RTES            | (e)           | (e)           | (e)          | (e)         | (e)         |
| CURR VS HC SAME RTE          | (e)           |               |              |             |             |
| CURR VS HC ALL RTES          | (e)           |               |              |             |             |

Experiment Number: 20314 - 03  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: RATS/F 344/NCTR

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Glycidamide  
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014  
 Time Report Requested: 07:40:57  
 First Dose M/F: 05/30/05 / 05/30/05  
 Lab: NCTR

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/NCTR)  
 TERMINAL SACRIFICE AT 106 WEEKS**

| DOSE                           | Females       |               |              |             |             |
|--------------------------------|---------------|---------------|--------------|-------------|-------------|
|                                | CONTROL WATER | 0.0875 GLYCID | 0.175 GLYCID | 0.35 GLYCID | 0.70 GLYCID |
| <b>Mammary Gland Carcinoma</b> |               |               |              |             |             |
| <b>TUMOR RATES</b>             | #             | #             | #            | #           | #           |
| OVERALL (a)                    | 1/48 (2%)     | 0/48 (0%)     | 2/48 (4%)    | 2/48 (4%)   | 2/48 (4%)   |
| POLY-3 RATE (b)                | 1/43.52       | 0/40.28       | 2/40.85      | 2/36.12     | 2/25.34     |
| POLY-3 PERCENT (g)             | 2.3%          | 0%            | 4.9%         | 5.5%        | 7.9%        |
| TERMINAL (d)                   | 0/35 (0%)     | 0/26 (0%)     | 1/27 (4%)    | 1/17 (6%)   | 0/2 (0%)    |
| FIRST INCIDENCE                | 579           | ---           | 555          | 522         | 550         |
| HC TUMORS SAME ROUTE           | 0/0 (0%)      |               |              |             |             |
| HC TUMORS ALL ROUTES           | 0/0 (0%)      |               |              |             |             |
| <b>STATISTICAL TESTS</b>       |               |               |              |             |             |
| POLY 3                         | P=0.103       | P=0.515N      | P=0.478      | P=0.435     | P=0.326     |
| POLY 1.5                       | P=0.155       | P=0.509N      | P=0.487      | P=0.461     | P=0.400     |
| POLY 6                         | P=0.068       | P=0.525N      | P=0.466      | P=0.402     | P=0.241     |
| COCH-ARM / FISHERS             | P=0.249       | P=0.500N      | P=0.500      | P=0.500     | P=0.500     |
| MAX-ISO-POLY-3                 | P=0.178       | P=0.177N      | P=0.268      | P=0.246     | P=0.200     |
| HISTCONT SAME RTE              | (e)           | (e)           | (e)          | (e)         | (e)         |
| HISTCONT ALL RTES              | (e)           | (e)           | (e)          | (e)         | (e)         |
| CURR VS HC SAME RTE            | (e)           |               |              |             |             |
| CURR VS HC ALL RTES            | (e)           |               |              |             |             |

Experiment Number: 20314 - 03  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: RATS/F 344/NCTR

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Glycidamide  
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014  
 Time Report Requested: 07:40:57  
 First Dose M/F: 05/30/05 / 05/30/05  
 Lab: NCTR

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/NCTR)  
 TERMINAL SACRIFICE AT 106 WEEKS**

| DOSE  | Females       |               |              |             |             |
|---|---------------|---------------|--------------|-------------|-------------|
|   | CONTROL WATER | 0.0875 GLYCID | 0.175 GLYCID | 0.35 GLYCID | 0.70 GLYCID |
| <b>Mammary Gland<br/>Carcinoma or Adenoma</b> |               |               |              |             |             |
| <b>TUMOR RATES</b>                            | #             | #             | #            | #           | #           |
| OVERALL (a)                                   | 3/48 (6%)     | 0/48 (0%)     | 3/48 (6%)    | 2/48 (4%)   | 6/48 (13%)  |
| POLY-3 RATE (b)                               | 3/43.61       | 0/40.28       | 3/40.85      | 2/36.12     | 6/26.60     |
| POLY-3 PERCENT (g)                            | 6.9%          | 0%            | 7.3%         | 5.5%        | 22.6%       |
| TERMINAL (d)                                  | 1/35 (3%)     | 0/26 (0%)     | 2/27 (7%)    | 1/17 (6%)   | 1/2 (50%)   |
| FIRST INCIDENCE                               | 579           | ---           | 555          | 522         | 550         |
| HC TUMORS SAME ROUTE                          | 0/0 (0%)      |               |              |             |             |
| HC TUMORS ALL ROUTES                          | 0/0 (0%)      |               |              |             |             |
| <b>STATISTICAL TESTS</b>                      |               |               |              |             |             |
| POLY 3  | P=0.013*      | P=0.133N      | P=0.632      | P=0.585N    | P=0.070     |
| POLY 1.5                                      | P=0.020*      | P=0.127N      | P=0.645      | P=0.551N    | P=0.127     |
| POLY 6  | P=0.010**     | P=0.143N      | P=0.615      | P=0.628N    | P=0.028*    |
| COCH-ARM / FISHERS                            | P=0.040*      | P=0.121N      | P=0.661N     | P=0.500N    | P=0.243     |
| MAX-ISO-POLY-3                                | P=0.020*      | P=0.051N      | P=0.467      | P=0.412N    | P=0.064     |
| HISTCONT SAME RTE                             | (e)           | (e)           | (e)          | (e)         | (e)         |
| HISTCONT ALL RTES                             | (e)           | (e)           | (e)          | (e)         | (e)         |
| CURR VS HC SAME RTE                           | (e)           |               |              |             |             |
| CURR VS HC ALL RTES                           | (e)           |               |              |             |             |

Experiment Number: 20314 - 03  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: RATS/F 344/NCTR

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Glycidamide  
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014  
 Time Report Requested: 07:40:57  
 First Dose M/F: 05/30/05 / 05/30/05  
 Lab: NCTR

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/NCTR)  
 TERMINAL SACRIFICE AT 106 WEEKS**

| DOSE                                  | Females       |               |              |              |             |
|---------------------------------------|---------------|---------------|--------------|--------------|-------------|
|                                       | CONTROL WATER | 0.0875 GLYCID | 0.175 GLYCID | 0.35 GLYCID  | 0.70 GLYCID |
| <b>Mammary Gland<br/>Fibroadenoma</b> |               |               |              |              |             |
| <b>TUMOR RATES</b>                    | #             | #             | #            | #            | #           |
| OVERALL (a)                           | 16/48 (33%)   | 26/48 (54%)   | 35/48 (73%)  | 33/48 (69%)  | 36/48 (75%) |
| POLY-3 RATE (b)                       | 16/44.56      | 26/43.80      | 35/43.03     | 33/38.71     | 36/39.74    |
| POLY-3 PERCENT (g)                    | 35.9%         | 59.4%         | 81.4%        | 85.3%        | 90.6%       |
| TERMINAL (d)                          | 10/35 (29%)   | 15/26 (58%)   | 22/27 (82%)  | 17/17 (100%) | 2/2 (100%)  |
| FIRST INCIDENCE                       | 550           | 484           | 549          | 585          | 404         |
| HC TUMORS SAME ROUTE                  | 0/0 (0%)      |               |              |              |             |
| HC TUMORS ALL ROUTES                  | 0/0 (0%)      |               |              |              |             |
| <b>STATISTICAL TESTS</b>              |               |               |              |              |             |
| POLY 3                                | P<0.001**     | P=0.019*      | P<0.001**    | P<0.001**    | P<0.001**   |
| POLY 1.5                              | P<0.001**     | P=0.024*      | P<0.001**    | P<0.001**    | P<0.001**   |
| POLY 6                                | P<0.001**     | P=0.014*      | P<0.001**    | P<0.001**    | P<0.001**   |
| COCH-ARM / FISHERS                    | P<0.001**     | P=0.032*      | P<0.001**    | P<0.001**    | P<0.001**   |
| MAX-ISO-POLY-3                        | P<0.001**     | P=0.012*      | P<0.001**    | P<0.001**    | P<0.001**   |
| HISTCONT SAME RTE                     | (e)           | (e)           | (e)          | (e)          | (e)         |
| HISTCONT ALL RTES                     | (e)           | (e)           | (e)          | (e)          | (e)         |
| CURR VS HC SAME RTE                   | (e)           |               |              |              |             |
| CURR VS HC ALL RTES                   | (e)           |               |              |              |             |

Experiment Number: 20314 - 03  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: RATS/F 344/NCTR

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Glycidamide  
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014  
 Time Report Requested: 07:40:57  
 First Dose M/F: 05/30/05 / 05/30/05  
 Lab: NCTR

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/NCTR)  
 TERMINAL SACRIFICE AT 106 WEEKS**

| DOSE  | Females       |               |              |              |             |
|---|---------------|---------------|--------------|--------------|-------------|
|   | CONTROL WATER | 0.0875 GLYCID | 0.175 GLYCID | 0.35 GLYCID  | 0.70 GLYCID |
| <b>Mammary Gland<br/>Fibroma, Fibroadenoma or Adenoma</b> |               |               |              |              |             |
| <b>TUMOR RATES</b>  | #             | #             | #            | #            | #           |
| OVERALL (a)   | 16/48 (33%)   | 26/48 (54%)   | 35/48 (73%)  | 33/48 (69%)  | 37/48 (77%) |
| POLY-3 RATE (b)   | 16/44.56      | 26/43.80      | 35/43.03     | 33/38.71     | 37/40.32    |
| POLY-3 PERCENT (g)  | 35.9%         | 59.4%         | 81.4%        | 85.3%        | 91.8%       |
| TERMINAL (d)  | 10/35 (29%)   | 15/26 (58%)   | 22/27 (82%)  | 17/17 (100%) | 2/2 (100%)  |
| FIRST INCIDENCE   | 550           | 484           | 549          | 585          | 404         |
| HC TUMORS SAME ROUTE                                      | 0/0 (0%)      |               |              |              |             |
| HC TUMORS ALL ROUTES                                      | 0/0 (0%)      |               |              |              |             |
| <b>STATISTICAL TESTS</b>                                  |               |               |              |              |             |
| POLY 3  | P<0.001**     | P=0.019*      | P<0.001**    | P<0.001**    | P<0.001**   |
| POLY 1.5  | P<0.001**     | P=0.024*      | P<0.001**    | P<0.001**    | P<0.001**   |
| POLY 6  | P<0.001**     | P=0.014*      | P<0.001**    | P<0.001**    | P<0.001**   |
| COCH-ARM / FISHERS  | P<0.001**     | P=0.032*      | P<0.001**    | P<0.001**    | P<0.001**   |
| MAX-ISO-POLY-3  | P<0.001**     | P=0.012*      | P<0.001**    | P<0.001**    | P<0.001**   |
| HISTCONT SAME RTE   | (e)           | (e)           | (e)          | (e)          | (e)         |
| HISTCONT ALL RTES   | (e)           | (e)           | (e)          | (e)          | (e)         |
| CURR VS HC SAME RTE                                       | (e)           |               |              |              |             |
| CURR VS HC ALL RTES                                       | (e)           |               |              |              |             |

Experiment Number: 20314 - 03  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: RATS/F 344/NCTR

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Glycidamide  
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014  
 Time Report Requested: 07:40:57  
 First Dose M/F: 05/30/05 / 05/30/05  
 Lab: NCTR

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/NCTR)  
 TERMINAL SACRIFICE AT 106 WEEKS**

| DOSE  | Females       |               |              |              |             |
|---|---------------|---------------|--------------|--------------|-------------|
|   | CONTROL WATER | 0.0875 GLYCID | 0.175 GLYCID | 0.35 GLYCID  | 0.70 GLYCID |
| <b>Mammary Gland</b>                                |               |               |              |              |             |
| <b>Fibroma, Fibroadenoma, Carcinoma, or Adenoma</b> |               |               |              |              |             |
| <b>TUMOR RATES</b>                                  | #             | #             | #            | #            | #           |
| OVERALL (a)   | 17/48 (35%)   | 26/48 (54%)   | 36/48 (75%)  | 34/48 (71%)  | 37/48 (77%) |
| POLY-3 RATE (b)                                     | 17/45.08      | 26/43.80      | 36/43.60     | 34/39.36     | 37/40.32    |
| POLY-3 PERCENT (g)                                  | 37.7%         | 59.4%         | 82.6%        | 86.4%        | 91.8%       |
| TERMINAL (d)  | 10/35 (29%)   | 15/26 (58%)   | 22/27 (82%)  | 17/17 (100%) | 2/2 (100%)  |
| FIRST INCIDENCE                                     | 550           | 484           | 549          | 522          | 404         |
| HC TUMORS SAME ROUTE                                | 0/0 (0%)      |               |              |              |             |
| HC TUMORS ALL ROUTES                                | 0/0 (0%)      |               |              |              |             |
| <b>STATISTICAL TESTS</b>                            |               |               |              |              |             |
| POLY 3  | P<0.001**     | P=0.030*      | P<0.001**    | P<0.001**    | P<0.001**   |
| POLY 1.5  | P<0.001**     | P=0.037*      | P<0.001**    | P<0.001**    | P<0.001**   |
| POLY 6  | P<0.001**     | P=0.020*      | P<0.001**    | P<0.001**    | P<0.001**   |
| COCH-ARM / FISHERS                                  | P<0.001**     | P=0.050*      | P<0.001**    | P<0.001**    | P<0.001**   |
| MAX-ISO-POLY-3                                      | P<0.001**     | P=0.019*      | P<0.001**    | P<0.001**    | P<0.001**   |
| HISTCONT SAME RTE                                   | (e)           | (e)           | (e)          | (e)          | (e)         |
| HISTCONT ALL RTES                                   | (e)           | (e)           | (e)          | (e)          | (e)         |
| CURR VS HC SAME RTE                                 | (e)           |               |              |              |             |
| CURR VS HC ALL RTES                                 | (e)           |               |              |              |             |



Experiment Number: 20314 - 03  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: RATS/F 344/NCTR

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Glycidamide  
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014  
 Time Report Requested: 07:40:57  
 First Dose M/F: 05/30/05 / 05/30/05  
 Lab: NCTR

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/NCTR)  
 TERMINAL SACRIFICE AT 106 WEEKS**

| DOSE  | Females       |               |              |             |             |
|---|---------------|---------------|--------------|-------------|-------------|
|   | CONTROL WATER | 0.0875 GLYCID | 0.175 GLYCID | 0.35 GLYCID | 0.70 GLYCID |
| <b>Oral Cavity (Oral Mucosa, Tongue, Pharynx, Tooth, Gingiva)</b> |               |               |              |             |             |
| <b>Papilloma Squamous or Papilloma</b>                            |               |               |              |             |             |
| <b>TUMOR RATES</b>  | #             | #             | #            | #           | #           |
| OVERALL (a)   | 1/48 (2%)     | 2/48 (4%)     | 2/48 (4%)    | 1/48 (2%)   | 4/48 (8%)   |
| POLY-3 RATE (b)   | 1/43.01       | 2/40.70       | 2/40.28      | 1/35.97     | 4/26.36     |
| POLY-3 PERCENT (g)  | 2.3%          | 4.9%          | 5%           | 2.8%        | 15.2%       |
| TERMINAL (d)  | 1/35 (3%)     | 0/26 (0%)     | 2/27 (7%)    | 0/17 (0%)   | 0/2 (0%)    |
| FIRST INCIDENCE   | 737 (T)       | 670           | 737 (T)      | 585         | 521         |
| HC TUMORS SAME ROUTE  | 0/0 (0%)      |               |              |             |             |
| HC TUMORS ALL ROUTES  | 0/0 (0%)      |               |              |             |             |
| <b>STATISTICAL TESTS</b>  |               |               |              |             |             |
| POLY 3  | P=0.058       | P=0.481       | P=0.477      | P=0.719     | P=0.071     |
| POLY 1.5  | P=0.080       | P=0.489       | P=0.487      | P=0.736     | P=0.109     |
| POLY 6  | P=0.046*      | P=0.470       | P=0.465      | P=0.697     | P=0.039*    |
| COCH-ARM / FISHERS  | P=0.127       | P=0.500       | P=0.500      | P=0.753N    | P=0.181     |
| MAX-ISO-POLY-3  | P=0.068       | P=0.269       | P=0.267      | P=0.453     | P=0.055     |
| HISTCONT SAME RTE   | (e)           | (e)           | (e)          | (e)         | (e)         |
| HISTCONT ALL RTES   | (e)           | (e)           | (e)          | (e)         | (e)         |
| CURR VS HC SAME RTE   | (e)           |               |              |             |             |
| CURR VS HC ALL RTES   | (e)           |               |              |             |             |

Experiment Number: 20314 - 03  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: RATS/F 344/NCTR

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Glycidamide  
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014  
 Time Report Requested: 07:40:57  
 First Dose M/F: 05/30/05 / 05/30/05  
 Lab: NCTR

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/NCTR)  
 TERMINAL SACRIFICE AT 106 WEEKS**

| DOSE  | Females       |               |              |             |             |
|---|---------------|---------------|--------------|-------------|-------------|
|   | CONTROL WATER | 0.0875 GLYCID | 0.175 GLYCID | 0.35 GLYCID | 0.70 GLYCID |
| <b>Oral Cavity (Oral Mucosa, Tongue, Pharynx, Tooth, Gingiva)</b> |               |               |              |             |             |
| <b>Squamous Cell Carcinoma</b>                                    |               |               |              |             |             |
| <b>TUMOR RATES</b>  | #             | #             | #            | #           | #           |
| OVERALL (a)   | 0/48 (0%)     | 0/48 (0%)     | 0/48 (0%)    | 1/48 (2%)   | 3/48 (6%)   |
| POLY-3 RATE (b)   | 0/43.01       | 0/40.28       | 0/40.28      | 1/35.47     | 3/26.21     |
| POLY-3 PERCENT (g)  | 0%            | 0%            | 0%           | 2.8%        | 11.5%       |
| TERMINAL (d)  | 0/35 (0%)     | 0/26 (0%)     | 0/27 (0%)    | 1/17 (6%)   | 0/2 (0%)    |
| FIRST INCIDENCE   | ---           | ---           | ---          | 737 (T)     | 422         |
| HC TUMORS SAME ROUTE  | 0/0 (0%)      |               |              |             |             |
| HC TUMORS ALL ROUTES  | 0/0 (0%)      |               |              |             |             |
| <b>STATISTICAL TESTS</b>  |               |               |              |             |             |
| POLY 3  | P=0.003**     | (e)           | (e)          | P=0.462     | P=0.055     |
| POLY 1.5  | P=0.004**     | (e)           | (e)          | P=0.477     | P=0.078     |
| POLY 6  | P=0.003**     | (e)           | (e)          | P=0.442     | P=0.036*    |
| COCH-ARM / FISHERS  | P=0.006**     | (e)           | (e)          | P=0.500     | P=0.121     |
| MAX-ISO-POLY-3  | P=0.004**     | (e)           | (e)          | P=0.157     | P=0.035*    |
| HISTCONT SAME RTE   | (e)           | (e)           | (e)          | (e)         | (e)         |
| HISTCONT ALL RTES   | (e)           | (e)           | (e)          | (e)         | (e)         |
| CURR VS HC SAME RTE   | (e)           |               |              |             |             |
| CURR VS HC ALL RTES   | (e)           |               |              |             |             |

Experiment Number: 20314 - 03  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: RATS/F 344/NCTR

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Glycidamide  
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014  
 Time Report Requested: 07:40:57  
 First Dose M/F: 05/30/05 / 05/30/05  
 Lab: NCTR

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/NCTR)  
 TERMINAL SACRIFICE AT 106 WEEKS**

| DOSE  | Females       |               |              |             |             |
|---|---------------|---------------|--------------|-------------|-------------|
|   | CONTROL WATER | 0.0875 GLYCID | 0.175 GLYCID | 0.35 GLYCID | 0.70 GLYCID |
| <b>Oral Cavity (Oral Mucosa, Tongue, Pharynx, Tooth, Gingiva)<br/>Squamous Cell Carcinoma, Papilloma Squamous, or Papilloma</b> |               |               |              |             |             |
| <b>TUMOR RATES</b>  | #             | #             | #            | #           | #           |
| OVERALL (a)   | 1/48 (2%)     | 2/48 (4%)     | 2/48 (4%)    | 2/48 (4%)   | 7/48 (15%)  |
| POLY-3 RATE (b)   | 1/43.01       | 2/40.70       | 2/40.28      | 2/35.97     | 7/28.20     |
| POLY-3 PERCENT (g)  | 2.3%          | 4.9%          | 5%           | 5.6%        | 24.8%       |
| TERMINAL (d)  | 1/35 (3%)     | 0/26 (0%)     | 2/27 (7%)    | 1/17 (6%)   | 0/2 (0%)    |
| FIRST INCIDENCE   | 737 (T)       | 670           | 737 (T)      | 585         | 422         |
| HC TUMORS SAME ROUTE  | 0/0 (0%)      |               |              |             |             |
| HC TUMORS ALL ROUTES  | 0/0 (0%)      |               |              |             |             |
| <b>STATISTICAL TESTS</b>  |               |               |              |             |             |
| POLY 3  | P<0.001**     | P=0.481       | P=0.477      | P=0.438     | P=0.005**   |
| POLY 1.5  | P=0.002**     | P=0.489       | P=0.487      | P=0.463     | P=0.012*    |
| POLY 6  | P<0.001**     | P=0.470       | P=0.465      | P=0.407     | P=0.002**   |
| COCH-ARM / FISHERS  | P=0.006**     | P=0.500       | P=0.500      | P=0.500     | P=0.029*    |
| MAX-ISO-POLY-3  | P=0.002**     | P=0.269       | P=0.267      | P=0.247     | P=0.007**   |
| HISTCONT SAME RTE   | (e)           | (e)           | (e)          | (e)         | (e)         |
| HISTCONT ALL RTES   | (e)           | (e)           | (e)          | (e)         | (e)         |
| CURR VS HC SAME RTE   | (e)           |               |              |             |             |
| CURR VS HC ALL RTES   | (e)           |               |              |             |             |

Experiment Number: 20314 - 03  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: RATS/F 344/NCTR

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Glycidamide  
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014  
 Time Report Requested: 07:40:57  
 First Dose M/F: 05/30/05 / 05/30/05  
 Lab: NCTR

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/NCTR)  
 TERMINAL SACRIFICE AT 106 WEEKS**

| DOSE                           | Females       |               |              |             |             |
|--------------------------------|---------------|---------------|--------------|-------------|-------------|
|                                | CONTROL WATER | 0.0875 GLYCID | 0.175 GLYCID | 0.35 GLYCID | 0.70 GLYCID |
| <b>Oral Mucosa</b>             |               |               |              |             |             |
| <b>Squamous Cell Carcinoma</b> |               |               |              |             |             |
| <b>TUMOR RATES</b>             | #             | #             | #            | #           | #           |
| OVERALL (a)                    | 0/48 (0%)     | 0/48 (0%)     | 0/48 (0%)    | 1/48 (2%)   | 2/48 (4%)   |
| POLY-3 RATE (b)                | 0/43.01       | 0/40.28       | 0/40.28      | 1/35.47     | 2/25.68     |
| POLY-3 PERCENT (g)             | 0%            | 0%            | 0%           | 2.8%        | 7.8%        |
| TERMINAL (d)                   | 0/35 (0%)     | 0/26 (0%)     | 0/27 (0%)    | 1/17 (6%)   | 0/2 (0%)    |
| FIRST INCIDENCE                | ---           | ---           | ---          | 737 (T)     | 422         |
| HC TUMORS SAME ROUTE           | 0/0 (0%)      |               |              |             |             |
| HC TUMORS ALL ROUTES           | 0/0 (0%)      |               |              |             |             |
| <b>STATISTICAL TESTS</b>       |               |               |              |             |             |
| POLY 3                         | P=0.015*      | (e)           | (e)          | P=0.462     | P=0.145     |
| POLY 1.5                       | P=0.020*      | (e)           | (e)          | P=0.477     | P=0.181     |
| POLY 6                         | P=0.014*      | (e)           | (e)          | P=0.442     | P=0.109     |
| COCH-ARM / FISHERS             | P=0.032*      | (e)           | (e)          | P=0.500     | P=0.247     |
| MAX-ISO-POLY-3                 | P=0.025*      | (e)           | (e)          | P=0.157     | P=0.073     |
| HISTCONT SAME RTE              | (e)           | (e)           | (e)          | (e)         | (e)         |
| HISTCONT ALL RTES              | (e)           | (e)           | (e)          | (e)         | (e)         |
| CURR VS HC SAME RTE            | (e)           |               |              |             |             |
| CURR VS HC ALL RTES            | (e)           |               |              |             |             |

Experiment Number: 20314 - 03  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: RATS/F 344/NCTR

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Glycidamide  
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014  
 Time Report Requested: 07:40:57  
 First Dose M/F: 05/30/05 / 05/30/05  
 Lab: NCTR

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/NCTR)  
 TERMINAL SACRIFICE AT 106 WEEKS**

| DOSE                           | Females       |               |              |             |             |
|--------------------------------|---------------|---------------|--------------|-------------|-------------|
|                                | CONTROL WATER | 0.0875 GLYCID | 0.175 GLYCID | 0.35 GLYCID | 0.70 GLYCID |
| <b>Oral Mucosa</b>             |               |               |              |             |             |
| <b>Squamous Cell Papilloma</b> |               |               |              |             |             |
| <b>TUMOR RATES</b>             | #             | #             | #            | #           | #           |
| OVERALL (a)                    | 1/48 (2%)     | 1/48 (2%)     | 2/48 (4%)    | 0/48 (0%)   | 4/48 (8%)   |
| POLY-3 RATE (b)                | 1/43.01       | 1/40.53       | 2/40.28      | 0/35.47     | 4/26.36     |
| POLY-3 PERCENT (g)             | 2.3%          | 2.5%          | 5%           | 0%          | 15.2%       |
| TERMINAL (d)                   | 1/35 (3%)     | 0/26 (0%)     | 2/27 (7%)    | 0/17 (0%)   | 0/2 (0%)    |
| FIRST INCIDENCE                | 737 (T)       | 670           | 737 (T)      | ---         | 521         |
| HC TUMORS SAME ROUTE           | 0/0 (0%)      |               |              |             |             |
| HC TUMORS ALL ROUTES           | 0/0 (0%)      |               |              |             |             |
| <b>STATISTICAL TESTS</b>       |               |               |              |             |             |
| POLY 3                         | P=0.045*      | P=0.747       | P=0.477      | P=0.538N    | P=0.071     |
| POLY 1.5                       | P=0.055       | P=0.753       | P=0.487      | P=0.523N    | P=0.109     |
| POLY 6                         | P=0.042*      | P=0.739       | P=0.465      | P=0.558N    | P=0.039*    |
| COCH-ARM / FISHERS             | P=0.081       | P=0.753N      | P=0.500      | P=0.500N    | P=0.181     |
| MAX-ISO-POLY-3                 | P=0.042*      | P=0.483       | P=0.267      | P=0.203N    | P=0.055     |
| HISTCONT SAME RTE              | (e)           | (e)           | (e)          | (e)         | (e)         |
| HISTCONT ALL RTES              | (e)           | (e)           | (e)          | (e)         | (e)         |
| CURR VS HC SAME RTE            | (e)           |               |              |             |             |
| CURR VS HC ALL RTES            | (e)           |               |              |             |             |

Experiment Number: 20314 - 03  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: RATS/F 344/NCTR

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Glycidamide  
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014  
 Time Report Requested: 07:40:57  
 First Dose M/F: 05/30/05 / 05/30/05  
 Lab: NCTR

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/NCTR)  
 TERMINAL SACRIFICE AT 106 WEEKS**

| DOSE  | Females       |               |              |             |             |
|---|---------------|---------------|--------------|-------------|-------------|
|   | CONTROL WATER | 0.0875 GLYCID | 0.175 GLYCID | 0.35 GLYCID | 0.70 GLYCID |
| <b>Pituitary Gland: Pars Distalis or Unspecified Site Adenoma</b> |               |               |              |             |             |
| <b>TUMOR RATES</b>  |               |               |              |             |             |
| OVERALL (a)   | 32/47 (68%)   | 36/48 (75%)   | 32/47 (68%)  | 27/46 (59%) | 24/48 (50%) |
| POLY-3 RATE (b)   | 32/43.75      | 36/44.73      | 32/42.96     | 27/39.35    | 24/33.97    |
| POLY-3 PERCENT (g)  | 73.1%         | 80.5%         | 74.5%        | 68.6%       | 70.7%       |
| TERMINAL (d)  | 26/34 (77%)   | 20/26 (77%)   | 21/27 (78%)  | 11/17 (65%) | 2/2 (100%)  |
| FIRST INCIDENCE   | 573           | 520           | 514          | 436         | 375         |
| HC TUMORS SAME ROUTE  | 0/0 (0%)      |               |              |             |             |
| HC TUMORS ALL ROUTES  | 0/0 (0%)      |               |              |             |             |
| <b>STATISTICAL TESTS</b>  |               |               |              |             |             |
| POLY 3  | P=0.240N      | P=0.277       | P=0.542      | P=0.412N    | P=0.505N    |
| POLY 1.5  | P=0.066N      | P=0.281       | P=0.558      | P=0.337N    | P=0.228N    |
| POLY 6  | P=0.469       | P=0.292       | P=0.527      | P=0.497N    | P=0.329     |
| COCH-ARM / FISHERS  | P=0.006N**    | P=0.302       | P=0.587N     | P=0.234N    | P=0.056N    |
| MAX-ISO-POLY-3  | P=0.420N      | P=0.196       | P=0.440      | P=0.324N    | P=0.406N    |
| HISTCONT SAME RTE   | (e)           | (e)           | (e)          | (e)         | (e)         |
| HISTCONT ALL RTES   | (e)           | (e)           | (e)          | (e)         | (e)         |
| CURR VS HC SAME RTE   | (e)           |               |              |             |             |
| CURR VS HC ALL RTES   | (e)           |               |              |             |             |

Experiment Number: 20314 - 03  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: RATS/F 344/NCTR

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Glycidamide  
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014  
 Time Report Requested: 07:40:57  
 First Dose M/F: 05/30/05 / 05/30/05  
 Lab: NCTR

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/NCTR)  
 TERMINAL SACRIFICE AT 106 WEEKS**

| DOSE  | Females       |               |              |             |             |
|---|---------------|---------------|--------------|-------------|-------------|
|   | CONTROL WATER | 0.0875 GLYCID | 0.175 GLYCID | 0.35 GLYCID | 0.70 GLYCID |
| <b>Pituitary Gland: Pars Distalis or Unspecified Site Carcinoma</b> |               |               |              |             |             |
| <b>TUMOR RATES</b>  |               |               |              |             |             |
| OVERALL (a)   | 2/47 (4%)     | 2/48 (4%)     | 2/47 (4%)    | 0/46 (0%)   | 0/48 (0%)   |
| POLY-3 RATE (b)   | 2/42.20       | 2/40.28       | 2/39.60      | 0/34.65     | 0/24.37     |
| POLY-3 PERCENT (g)  | 4.7%          | 5%            | 5.1%         | 0%          | 0%          |
| TERMINAL (d)  | 1/34 (3%)     | 2/26 (8%)     | 2/27 (7%)    | 0/17 (0%)   | 0/2 (0%)    |
| FIRST INCIDENCE   | 687           | 737 (T)       | 737 (T)      | ---         | ---         |
| HC TUMORS SAME ROUTE  | 0/0 (0%)      |               |              |             |             |
| HC TUMORS ALL ROUTES  | 0/0 (0%)      |               |              |             |             |
| <b>STATISTICAL TESTS</b>  |               |               |              |             |             |
| POLY 3  | P=0.116N      | P=0.677       | P=0.671      | P=0.283N    | P=0.374N    |
| POLY 1.5  | P=0.097N      | P=0.688       | P=0.680      | P=0.266N    | P=0.306N    |
| POLY 6  | P=0.164N      | P=0.662       | P=0.659      | P=0.308N    | P=0.475N    |
| COCH-ARM / FISHERS  | P=0.072N      | P=0.684N      | P=0.692N     | P=0.253N    | P=0.242N    |
| MAX-ISO-POLY-3  | P=0.200N      | P=0.481       | P=0.474      | P=0.118N    | P=0.204N    |
| HISTCONT SAME RTE   | (e)           | (e)           | (e)          | (e)         | (e)         |
| HISTCONT ALL RTES   | (e)           | (e)           | (e)          | (e)         | (e)         |
| CURR VS HC SAME RTE   | (e)           |               |              |             |             |
| CURR VS HC ALL RTES   | (e)           |               |              |             |             |

Experiment Number: 20314 - 03  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: RATS/F 344/NCTR

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Glycidamide  
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014  
 Time Report Requested: 07:40:57  
 First Dose M/F: 05/30/05 / 05/30/05  
 Lab: NCTR

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/NCTR)  
 TERMINAL SACRIFICE AT 106 WEEKS**

| DOSE   | Females       |               |              |             |             |
|--|---------------|---------------|--------------|-------------|-------------|
|  | CONTROL WATER | 0.0875 GLYCID | 0.175 GLYCID | 0.35 GLYCID | 0.70 GLYCID |
| <b>Pituitary Gland: Pars Distalis or Unspecified Site<br/>Carcinoma or Adenoma</b> |               |               |              |             |             |
| <b>TUMOR RATES</b>   |               |               |              |             |             |
| OVERALL (a)  | 34/47 (72%)   | 38/48 (79%)   | 34/47 (72%)  | 27/46 (59%) | 24/48 (50%) |
| POLY-3 RATE (b)  | 34/43.94      | 38/44.73      | 34/42.96     | 27/39.35    | 24/33.97    |
| POLY-3 PERCENT (g)   | 77.4%         | 85%           | 79.2%        | 68.6%       | 70.7%       |
| TERMINAL (d)   | 27/34 (79%)   | 22/26 (85%)   | 23/27 (85%)  | 11/17 (65%) | 2/2 (100%)  |
| FIRST INCIDENCE  | 573           | 520           | 514          | 436         | 375         |
| HC TUMORS SAME ROUTE   | 0/0 (0%)      |               |              |             |             |
| HC TUMORS ALL ROUTES   | 0/0 (0%)      |               |              |             |             |
| <b>STATISTICAL TESTS</b>   |               |               |              |             |             |
| POLY 3   | P=0.080N      | P=0.248       | P=0.525      | P=0.245N    | P=0.323N    |
| POLY 1.5   | P=0.013N*     | P=0.262       | P=0.551      | P=0.187N    | P=0.109N    |
| POLY 6   | P=0.360N      | P=0.250       | P=0.492      | P=0.324N    | P=0.501     |
| COCH-ARM / FISHERS   | P<0.001N**    | P=0.296       | P=0.591N     | P=0.122N    | P=0.021N*   |
| MAX-ISO-POLY-3   | P=0.138N      | P=0.167       | P=0.417      | P=0.181N    | P=0.251N    |
| HISTCONT SAME RTE  | (e)           | (e)           | (e)          | (e)         | (e)         |
| HISTCONT ALL RTEs  | (e)           | (e)           | (e)          | (e)         | (e)         |
| CURR VS HC SAME RTE  | (e)           |               |              |             |             |
| CURR VS HC ALL RTEs  | (e)           |               |              |             |             |



Experiment Number: 20314 - 03  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: RATS/F 344/NCTR

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Glycidamide  
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014  
 Time Report Requested: 07:40:57  
 First Dose M/F: 05/30/05 / 05/30/05  
 Lab: NCTR

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/NCTR)  
 TERMINAL SACRIFICE AT 106 WEEKS**

| DOSE                      | Females       |               |              |             |             |
|---------------------------|---------------|---------------|--------------|-------------|-------------|
|                           | CONTROL WATER | 0.0875 GLYCID | 0.175 GLYCID | 0.35 GLYCID | 0.70 GLYCID |
| <b>Skin</b>               |               |               |              |             |             |
| <b>Basal Cell Adenoma</b> |               |               |              |             |             |
| <b>TUMOR RATES</b>        | #             | #             | #            | #           | #           |
| OVERALL (a)               | 0/48 (0%)     | 0/48 (0%)     | 0/48 (0%)    | 0/48 (0%)   | 0/48 (0%)   |
| POLY-3 RATE (b)           | 0/43.01       | 0/40.28       | 0/40.28      | 0/35.47     | 0/24.37     |
| POLY-3 PERCENT (g)        | 0%            | 0%            | 0%           | 0%          | 0%          |
| TERMINAL (d)              | 0/35 (0%)     | 0/26 (0%)     | 0/27 (0%)    | 0/17 (0%)   | 0/2 (0%)    |
| FIRST INCIDENCE           | ---           | ---           | ---          | ---         | ---         |
| HC TUMORS SAME ROUTE      | 0/0 (0%)      |               |              |             |             |
| HC TUMORS ALL ROUTES      | 0/0 (0%)      |               |              |             |             |
| <b>STATISTICAL TESTS</b>  |               |               |              |             |             |
| POLY 3                    | (n)           | (n)           | (n)          | (n)         | (n)         |
| POLY 1.5                  | (n)           | (n)           | (n)          | (n)         | (n)         |
| POLY 6                    | (n)           | (n)           | (n)          | (n)         | (n)         |
| COCH-ARM / FISHERS        | (n)           | (n)           | (n)          | (n)         | (n)         |
| MAX-ISO-POLY-3            | (n)           | (n)           | (n)          | (n)         | (n)         |
| HISTCONT SAME RTE         | (n)           | (n)           | (n)          | (n)         | (n)         |
| HISTCONT ALL RTES         | (n)           | (n)           | (n)          | (n)         | (n)         |
| CURR VS HC SAME RTE       | (n)           |               |              |             |             |
| CURR VS HC ALL RTES       | (n)           |               |              |             |             |

Experiment Number: 20314 - 03  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: RATS/F 344/NCTR

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Glycidamide  
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014  
 Time Report Requested: 07:40:57  
 First Dose M/F: 05/30/05 / 05/30/05  
 Lab: NCTR

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/NCTR)  
 TERMINAL SACRIFICE AT 106 WEEKS**

| DOSE  | Females       |               |              |             |             |
|---|---------------|---------------|--------------|-------------|-------------|
|   | CONTROL WATER | 0.0875 GLYCID | 0.175 GLYCID | 0.35 GLYCID | 0.70 GLYCID |
| <b>Skin</b>   |               |               |              |             |             |
| Basal Cell Carcinoma, Basal Cell Adenoma, Basosquamous Tumor (benign, malignant or NOS), or Trichoepithelioma |               |               |              |             |             |
| <b>TUMOR RATES</b>  | #             | #             | #            | #           | #           |
| OVERALL (a)   | 1/48 (2%)     | 0/48 (0%)     | 0/48 (0%)    | 0/48 (0%)   | 0/48 (0%)   |
| POLY-3 RATE (b)   | 1/43.01       | 0/40.28       | 0/40.28      | 0/35.47     | 0/24.37     |
| POLY-3 PERCENT (g)  | 2.3%          | 0%            | 0%           | 0%          | 0%          |
| TERMINAL (d)  | 1/35 (3%)     | 0/26 (0%)     | 0/27 (0%)    | 0/17 (0%)   | 0/2 (0%)    |
| FIRST INCIDENCE   | 737 (T)       | ---           | ---          | ---         | ---         |
| HC TUMORS SAME ROUTE  | 0/0 (0%)      |               |              |             |             |
| HC TUMORS ALL ROUTES  | 0/0 (0%)      |               |              |             |             |
| <b>STATISTICAL TESTS</b>  |               |               |              |             |             |
| POLY 3  | (n)           | (n)           | (n)          | (n)         | (n)         |
| POLY 1.5  | (n)           | (n)           | (n)          | (n)         | (n)         |
| POLY 6  | (n)           | (n)           | (n)          | (n)         | (n)         |
| COCH-ARM / FISHERS  | (n)           | (n)           | (n)          | (n)         | (n)         |
| MAX-ISO-POLY-3  | (n)           | (n)           | (n)          | (n)         | (n)         |
| HISTCONT SAME RTE   | (n)           | (n)           | (n)          | (n)         | (n)         |
| HISTCONT ALL RTES   | (n)           | (n)           | (n)          | (n)         | (n)         |
| CURR VS HC SAME RTE   | (n)           |               |              |             |             |
| CURR VS HC ALL RTES   | (n)           |               |              |             |             |

Experiment Number: 20314 - 03  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: RATS/F 344/NCTR

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Glycidamide  
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014  
 Time Report Requested: 07:40:57  
 First Dose M/F: 05/30/05 / 05/30/05  
 Lab: NCTR

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/NCTR)  
 TERMINAL SACRIFICE AT 106 WEEKS**

| DOSE   | Females       |               |              |             |             |
|--|---------------|---------------|--------------|-------------|-------------|
|  | CONTROL WATER | 0.0875 GLYCID | 0.175 GLYCID | 0.35 GLYCID | 0.70 GLYCID |
| <b>Skin</b>  |               |               |              |             |             |
| Basal or Sq. Cell Carcinoma, Carcinoma, Basosq. Tumor (M or B), Basal Cell Adenoma, Adenoma, Papilloma, Sq Papilloma, Keratoacanthoma, Trichoepithelioma |               |               |              |             |             |
| <b>TUMOR RATES</b>   | #             | #             | #            | #           | #           |
| OVERALL (a)  | 1/48 (2%)     | 0/48 (0%)     | 0/48 (0%)    | 0/48 (0%)   | 1/48 (2%)   |
| POLY-3 RATE (b)  | 1/43.01       | 0/40.28       | 0/40.28      | 0/35.47     | 1/25.15     |
| POLY-3 PERCENT (g)   | 2.3%          | 0%            | 0%           | 0%          | 4%          |
| TERMINAL (d)   | 1/35 (3%)     | 0/26 (0%)     | 0/27 (0%)    | 0/17 (0%)   | 0/2 (0%)    |
| FIRST INCIDENCE  | 737 (T)       | ---           | ---          | ---         | 446         |
| HC TUMORS SAME ROUTE   | 0/0 (0%)      |               |              |             |             |
| HC TUMORS ALL ROUTES   | 0/0 (0%)      |               |              |             |             |
| <b>STATISTICAL TESTS</b>   |               |               |              |             |             |
| POLY 3   | (n)           | (n)           | (n)          | (n)         | (n)         |
| POLY 1.5   | (n)           | (n)           | (n)          | (n)         | (n)         |
| POLY 6   | (n)           | (n)           | (n)          | (n)         | (n)         |
| COCH-ARM / FISHERS   | (n)           | (n)           | (n)          | (n)         | (n)         |
| MAX-ISO-POLY-3   | (n)           | (n)           | (n)          | (n)         | (n)         |
| HISTCONT SAME RTE  | (n)           | (n)           | (n)          | (n)         | (n)         |
| HISTCONT ALL RTES  | (n)           | (n)           | (n)          | (n)         | (n)         |
| CURR VS HC SAME RTE  | (n)           |               |              |             |             |
| CURR VS HC ALL RTES  | (n)           |               |              |             |             |

Experiment Number: 20314 - 03  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: RATS/F 344/NCTR

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Glycidamide  
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014  
 Time Report Requested: 07:40:57  
 First Dose M/F: 05/30/05 / 05/30/05  
 Lab: NCTR

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/NCTR)  
 TERMINAL SACRIFICE AT 106 WEEKS**

| DOSE                     | Females       |               |              |             |             |
|--------------------------|---------------|---------------|--------------|-------------|-------------|
|                          | CONTROL WATER | 0.0875 GLYCID | 0.175 GLYCID | 0.35 GLYCID | 0.70 GLYCID |
| <b>Skin</b>              |               |               |              |             |             |
| <b>Fibroma</b>           |               |               |              |             |             |
| <b>TUMOR RATES</b>       | #             | #             | #            | #           | #           |
| OVERALL (a)              | 1/48 (2%)     | 0/48 (0%)     | 0/48 (0%)    | 1/48 (2%)   | 0/48 (0%)   |
| POLY-3 RATE (b)          | 1/43.01       | 0/40.28       | 0/40.28      | 1/36.19     | 0/24.37     |
| POLY-3 PERCENT (g)       | 2.3%          | 0%            | 0%           | 2.8%        | 0%          |
| TERMINAL (d)             | 1/35 (3%)     | 0/26 (0%)     | 0/27 (0%)    | 0/17 (0%)   | 0/2 (0%)    |
| FIRST INCIDENCE          | 737 (T)       | ---           | ---          | 481         | ---         |
| HC TUMORS SAME ROUTE     | 0/0 (0%)      |               |              |             |             |
| HC TUMORS ALL ROUTES     | 0/0 (0%)      |               |              |             |             |
| <b>STATISTICAL TESTS</b> |               |               |              |             |             |
| POLY 3                   | (n)           | (n)           | (n)          | (n)         | (n)         |
| POLY 1.5                 | (n)           | (n)           | (n)          | (n)         | (n)         |
| POLY 6                   | (n)           | (n)           | (n)          | (n)         | (n)         |
| COCH-ARM / FISHERS       | (n)           | (n)           | (n)          | (n)         | (n)         |
| MAX-ISO-POLY-3           | (n)           | (n)           | (n)          | (n)         | (n)         |
| HISTCONT SAME RTE        | (n)           | (n)           | (n)          | (n)         | (n)         |
| HISTCONT ALL RTES        | (n)           | (n)           | (n)          | (n)         | (n)         |
| CURR VS HC SAME RTE      | (n)           |               |              |             |             |
| CURR VS HC ALL RTES      | (n)           |               |              |             |             |

Experiment Number: 20314 - 03  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: RATS/F 344/NCTR

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Glycidamide  
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014  
 Time Report Requested: 07:40:57  
 First Dose M/F: 05/30/05 / 05/30/05  
 Lab: NCTR

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/NCTR)  
 TERMINAL SACRIFICE AT 106 WEEKS**

| DOSE                     | Females       |               |              |             |             |
|--------------------------|---------------|---------------|--------------|-------------|-------------|
|                          | CONTROL WATER | 0.0875 GLYCID | 0.175 GLYCID | 0.35 GLYCID | 0.70 GLYCID |
| <b>Skin</b>              |               |               |              |             |             |
| <b>Keratoacanthoma</b>   |               |               |              |             |             |
| <b>TUMOR RATES</b>       | #             | #             | #            | #           | #           |
| OVERALL (a)              | 0/48 (0%)     | 0/48 (0%)     | 0/48 (0%)    | 0/48 (0%)   | 0/48 (0%)   |
| POLY-3 RATE (b)          | 0/43.01       | 0/40.28       | 0/40.28      | 0/35.47     | 0/24.37     |
| POLY-3 PERCENT (g)       | 0%            | 0%            | 0%           | 0%          | 0%          |
| TERMINAL (d)             | 0/35 (0%)     | 0/26 (0%)     | 0/27 (0%)    | 0/17 (0%)   | 0/2 (0%)    |
| FIRST INCIDENCE          | ---           | ---           | ---          | ---         | ---         |
| HC TUMORS SAME ROUTE     | 0/0 (0%)      |               |              |             |             |
| HC TUMORS ALL ROUTES     | 0/0 (0%)      |               |              |             |             |
| <b>STATISTICAL TESTS</b> |               |               |              |             |             |
| POLY 3                   | (n)           | (n)           | (n)          | (n)         | (n)         |
| POLY 1.5                 | (n)           | (n)           | (n)          | (n)         | (n)         |
| POLY 6                   | (n)           | (n)           | (n)          | (n)         | (n)         |
| COCH-ARM / FISHERS       | (n)           | (n)           | (n)          | (n)         | (n)         |
| MAX-ISO-POLY-3           | (n)           | (n)           | (n)          | (n)         | (n)         |
| HISTCONT SAME RTE        | (n)           | (n)           | (n)          | (n)         | (n)         |
| HISTCONT ALL RTEs        | (n)           | (n)           | (n)          | (n)         | (n)         |
| CURR VS HC SAME RTE      | (n)           |               |              |             |             |
| CURR VS HC ALL RTEs      | (n)           |               |              |             |             |

Experiment Number: 20314 - 03  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: RATS/F 344/NCTR

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Glycidamide  
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014  
 Time Report Requested: 07:40:57  
 First Dose M/F: 05/30/05 / 05/30/05  
 Lab: NCTR

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/NCTR)  
 TERMINAL SACRIFICE AT 106 WEEKS**

| DOSE                     | Females       |               |              |             |             |
|--------------------------|---------------|---------------|--------------|-------------|-------------|
|                          | CONTROL WATER | 0.0875 GLYCID | 0.175 GLYCID | 0.35 GLYCID | 0.70 GLYCID |
| <b>Skin</b>              |               |               |              |             |             |
| <b>Lipoma</b>            |               |               |              |             |             |
| <b>TUMOR RATES</b>       | #             | #             | #            | #           | #           |
| OVERALL (a)              | 0/48 (0%)     | 2/48 (4%)     | 1/48 (2%)    | 0/48 (0%)   | 0/48 (0%)   |
| POLY-3 RATE (b)          | 0/43.01       | 2/40.33       | 1/40.28      | 0/35.47     | 0/24.37     |
| POLY-3 PERCENT (g)       | 0%            | 5%            | 2.5%         | 0%          | 0%          |
| TERMINAL (d)             | 0/35 (0%)     | 1/26 (4%)     | 1/27 (4%)    | 0/17 (0%)   | 0/2 (0%)    |
| FIRST INCIDENCE          | ---           | 725           | 737 (T)      | ---         | ---         |
| HC TUMORS SAME ROUTE     | 0/0 (0%)      |               |              |             |             |
| HC TUMORS ALL ROUTES     | 0/0 (0%)      |               |              |             |             |
| <b>STATISTICAL TESTS</b> |               |               |              |             |             |
| POLY 3                   | P=0.350N      | P=0.223       | P=0.487      | (e)         | (e)         |
| POLY 1.5                 | P=0.317N      | P=0.229       | P=0.492      | (e)         | (e)         |
| POLY 6                   | P=0.445N      | P=0.214       | P=0.480      | (e)         | (e)         |
| COCH-ARM / FISHERS       | P=0.269N      | P=0.247       | P=0.500      | (e)         | (e)         |
| MAX-ISO-POLY-3           | P=0.508N      | P=0.075       | P=0.158      | (e)         | (e)         |
| HISTCONT SAME RTE        | (e)           | (e)           | (e)          | (e)         | (e)         |
| HISTCONT ALL RTES        | (e)           | (e)           | (e)          | (e)         | (e)         |
| CURR VS HC SAME RTE      | (e)           |               |              |             |             |
| CURR VS HC ALL RTES      | (e)           |               |              |             |             |

Experiment Number: 20314 - 03  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: RATS/F 344/NCTR

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Glycidamide  
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014  
 Time Report Requested: 07:40:57  
 First Dose M/F: 05/30/05 / 05/30/05  
 Lab: NCTR

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/NCTR)  
 TERMINAL SACRIFICE AT 106 WEEKS**

| DOSE                           | Females       |               |              |             |             |
|--------------------------------|---------------|---------------|--------------|-------------|-------------|
|                                | CONTROL WATER | 0.0875 GLYCID | 0.175 GLYCID | 0.35 GLYCID | 0.70 GLYCID |
| <b>Skin</b>                    |               |               |              |             |             |
| <b>Squamous Cell Papilloma</b> |               |               |              |             |             |
| <b>TUMOR RATES</b>             | #             | #             | #            | #           | #           |
| OVERALL (a)                    | 0/48 (0%)     | 0/48 (0%)     | 0/48 (0%)    | 0/48 (0%)   | 0/48 (0%)   |
| POLY-3 RATE (b)                | 0/43.01       | 0/40.28       | 0/40.28      | 0/35.47     | 0/24.37     |
| POLY-3 PERCENT (g)             | 0%            | 0%            | 0%           | 0%          | 0%          |
| TERMINAL (d)                   | 0/35 (0%)     | 0/26 (0%)     | 0/27 (0%)    | 0/17 (0%)   | 0/2 (0%)    |
| FIRST INCIDENCE                | ---           | ---           | ---          | ---         | ---         |
| HC TUMORS SAME ROUTE           | 0/0 (0%)      |               |              |             |             |
| HC TUMORS ALL ROUTES           | 0/0 (0%)      |               |              |             |             |
| <b>STATISTICAL TESTS</b>       |               |               |              |             |             |
| POLY 3                         | (n)           | (n)           | (n)          | (n)         | (n)         |
| POLY 1.5                       | (n)           | (n)           | (n)          | (n)         | (n)         |
| POLY 6                         | (n)           | (n)           | (n)          | (n)         | (n)         |
| COCH-ARM / FISHERS             | (n)           | (n)           | (n)          | (n)         | (n)         |
| MAX-ISO-POLY-3                 | (n)           | (n)           | (n)          | (n)         | (n)         |
| HISTCONT SAME RTE              | (n)           | (n)           | (n)          | (n)         | (n)         |
| HISTCONT ALL RTES              | (n)           | (n)           | (n)          | (n)         | (n)         |
| CURR VS HC SAME RTE            | (n)           |               |              |             |             |
| CURR VS HC ALL RTES            | (n)           |               |              |             |             |

Experiment Number: 20314 - 03  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: RATS/F 344/NCTR

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Glycidamide  
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014  
 Time Report Requested: 07:40:57  
 First Dose M/F: 05/30/05 / 05/30/05  
 Lab: NCTR

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/NCTR)  
 TERMINAL SACRIFICE AT 106 WEEKS**

| DOSE  | Females       |               |              |             |             |
|---|---------------|---------------|--------------|-------------|-------------|
|   | CONTROL WATER | 0.0875 GLYCID | 0.175 GLYCID | 0.35 GLYCID | 0.70 GLYCID |
| <b>Skin</b>   |               |               |              |             |             |
| <b>Squamous Cell Papilloma, Papilloma, Squamous Cell Carcinoma or Keratoacanthoma</b> |               |               |              |             |             |
| <b>TUMOR RATES</b>  | #             | #             | #            | #           | #           |
| OVERALL (a)   | 0/48 (0%)     | 0/48 (0%)     | 0/48 (0%)    | 0/48 (0%)   | 1/48 (2%)   |
| POLY-3 RATE (b)   | 0/43.01       | 0/40.28       | 0/40.28      | 0/35.47     | 1/25.15     |
| POLY-3 PERCENT (g)  | 0%            | 0%            | 0%           | 0%          | 4%          |
| TERMINAL (d)  | 0/35 (0%)     | 0/26 (0%)     | 0/27 (0%)    | 0/17 (0%)   | 0/2 (0%)    |
| FIRST INCIDENCE   | ---           | ---           | ---          | ---         | 446         |
| HC TUMORS SAME ROUTE  | 0/0 (0%)      |               |              |             |             |
| HC TUMORS ALL ROUTES  | 0/0 (0%)      |               |              |             |             |
| <b>STATISTICAL TESTS</b>  |               |               |              |             |             |
| POLY 3  | (n)           | (n)           | (n)          | (n)         | (n)         |
| POLY 1.5  | (n)           | (n)           | (n)          | (n)         | (n)         |
| POLY 6  | (n)           | (n)           | (n)          | (n)         | (n)         |
| COCH-ARM / FISHERS  | (n)           | (n)           | (n)          | (n)         | (n)         |
| MAX-ISO-POLY-3  | (n)           | (n)           | (n)          | (n)         | (n)         |
| HISTCONT SAME RTE   | (n)           | (n)           | (n)          | (n)         | (n)         |
| HISTCONT ALL RTES   | (n)           | (n)           | (n)          | (n)         | (n)         |
| CURR VS HC SAME RTE   | (n)           |               |              |             |             |
| CURR VS HC ALL RTES   | (n)           |               |              |             |             |



Experiment Number: 20314 - 03  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: RATS/F 344/NCTR

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Glycidamide  
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014  
 Time Report Requested: 07:40:57  
 First Dose M/F: 05/30/05 / 05/30/05  
 Lab: NCTR

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/NCTR)  
 TERMINAL SACRIFICE AT 106 WEEKS**

| DOSE  | Females       |               |              |             |             |
|---|---------------|---------------|--------------|-------------|-------------|
|   | CONTROL WATER | 0.0875 GLYCID | 0.175 GLYCID | 0.35 GLYCID | 0.70 GLYCID |
| <b>Skin</b>   |               |               |              |             |             |
| <b>Squamous Cell Papilloma, Papilloma, or Keratoacanthoma</b> |               |               |              |             |             |
| <b>TUMOR RATES</b>  | #             | #             | #            | #           | #           |
| OVERALL (a)   | 0/48 (0%)     | 0/48 (0%)     | 0/48 (0%)    | 0/48 (0%)   | 0/48 (0%)   |
| POLY-3 RATE (b)   | 0/43.01       | 0/40.28       | 0/40.28      | 0/35.47     | 0/24.37     |
| POLY-3 PERCENT (g)  | 0%            | 0%            | 0%           | 0%          | 0%          |
| TERMINAL (d)  | 0/35 (0%)     | 0/26 (0%)     | 0/27 (0%)    | 0/17 (0%)   | 0/2 (0%)    |
| FIRST INCIDENCE   | ---           | ---           | ---          | ---         | ---         |
| HC TUMORS SAME ROUTE  | 0/0 (0%)      |               |              |             |             |
| HC TUMORS ALL ROUTES  | 0/0 (0%)      |               |              |             |             |
| <b>STATISTICAL TESTS</b>                                      |               |               |              |             |             |
| POLY 3  | (n)           | (n)           | (n)          | (n)         | (n)         |
| POLY 1.5  | (n)           | (n)           | (n)          | (n)         | (n)         |
| POLY 6  | (n)           | (n)           | (n)          | (n)         | (n)         |
| COCH-ARM / FISHERS  | (n)           | (n)           | (n)          | (n)         | (n)         |
| MAX-ISO-POLY-3  | (n)           | (n)           | (n)          | (n)         | (n)         |
| HISTCONT SAME RTE   | (n)           | (n)           | (n)          | (n)         | (n)         |
| HISTCONT ALL RTES   | (n)           | (n)           | (n)          | (n)         | (n)         |
| CURR VS HC SAME RTE   | (n)           |               |              |             |             |
| CURR VS HC ALL RTES   | (n)           |               |              |             |             |

Experiment Number: 20314 - 03  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: RATS/F 344/NCTR

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Glycidamide  
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014  
 Time Report Requested: 07:40:57  
 First Dose M/F: 05/30/05 / 05/30/05  
 Lab: NCTR

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/NCTR)  
 TERMINAL SACRIFICE AT 106 WEEKS**

| DOSE  | Females       |               |              |             |             |
|---|---------------|---------------|--------------|-------------|-------------|
|   | CONTROL WATER | 0.0875 GLYCID | 0.175 GLYCID | 0.35 GLYCID | 0.70 GLYCID |
| <b>Stomach, Forestomach<br/>Squamous Cell Papilloma</b> |               |               |              |             |             |
| <b>TUMOR RATES</b>                                      | #             | #             | #            | #           | #           |
| OVERALL (a)   | 0/48 (0%)     | 1/48 (2%)     | 0/48 (0%)    | 0/48 (0%)   | 3/48 (6%)   |
| POLY-3 RATE (b)   | 0/43.01       | 1/40.28       | 0/40.28      | 0/35.47     | 3/25.30     |
| POLY-3 PERCENT (g)                                      | 0%            | 2.5%          | 0%           | 0%          | 11.9%       |
| TERMINAL (d)  | 0/35 (0%)     | 1/26 (4%)     | 0/27 (0%)    | 0/17 (0%)   | 0/2 (0%)    |
| FIRST INCIDENCE   | ---           | 737 (T)       | ---          | ---         | 505         |
| HC TUMORS SAME ROUTE                                    | 0/0 (0%)      |               |              |             |             |
| HC TUMORS ALL ROUTES                                    | 0/0 (0%)      |               |              |             |             |
| <b>STATISTICAL TESTS</b>                                |               |               |              |             |             |
| POLY 3  | P=0.017*      | P=0.487       | (e)          | (e)         | P=0.053     |
| POLY 1.5  | P=0.018*      | P=0.493       | (e)          | (e)         | P=0.076     |
| POLY 6  | P=0.024*      | P=0.479       | (e)          | (e)         | P=0.033*    |
| COCH-ARM / FISHERS                                      | P=0.025*      | P=0.500       | (e)          | (e)         | P=0.121     |
| MAX-ISO-POLY-3  | P=0.013*      | P=0.158       | (e)          | (e)         | P=0.035*    |
| HISTCONT SAME RTE                                       | (e)           | (e)           | (e)          | (e)         | (e)         |
| HISTCONT ALL RTES                                       | (e)           | (e)           | (e)          | (e)         | (e)         |
| CURR VS HC SAME RTE                                     | (e)           |               |              |             |             |
| CURR VS HC ALL RTES                                     | (e)           |               |              |             |             |

Experiment Number: 20314 - 03  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: RATS/F 344/NCTR

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Glycidamide  
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014  
 Time Report Requested: 07:40:57  
 First Dose M/F: 05/30/05 / 05/30/05  
 Lab: NCTR

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/NCTR)  
 TERMINAL SACRIFICE AT 106 WEEKS**

| DOSE                                 | Females       |               |              |             |             |
|--------------------------------------|---------------|---------------|--------------|-------------|-------------|
|                                      | CONTROL WATER | 0.0875 GLYCID | 0.175 GLYCID | 0.35 GLYCID | 0.70 GLYCID |
| <b>Thyroid Gland: C-Cell Adenoma</b> |               |               |              |             |             |
| <b>TUMOR RATES</b>                   |               |               |              |             |             |
| OVERALL (a)                          | 2/48 (4%)     | 4/48 (8%)     | 6/46 (13%)   | 4/46 (9%)   | 2/47 (4%)   |
| POLY-3 RATE (b)                      | 2/43.01       | 4/40.83       | 6/39.28      | 4/35.23     | 2/24.90     |
| POLY-3 PERCENT (g)                   | 4.7%          | 9.8%          | 15.3%        | 11.4%       | 8%          |
| TERMINAL (d)                         | 2/35 (6%)     | 2/26 (8%)     | 5/27 (19%)   | 2/17 (12%)  | 0/2 (0%)    |
| FIRST INCIDENCE                      | 737 (T)       | 611           | 683          | 676         | 571         |
| HC TUMORS SAME ROUTE                 | 0/0 (0%)      |               |              |             |             |
| HC TUMORS ALL ROUTES                 | 0/0 (0%)      |               |              |             |             |
| <b>STATISTICAL TESTS</b>             |               |               |              |             |             |
| POLY 3                               | P=0.362       | P=0.313       | P=0.104      | P=0.250     | P=0.487     |
| POLY 1.5                             | P=0.537       | P=0.323       | P=0.110      | P=0.276     | P=0.579     |
| POLY 6                               | P=0.186       | P=0.299       | P=0.097      | P=0.217     | P=0.366     |
| COCH-ARM / FISHERS                   | P=0.377N      | P=0.339       | P=0.120      | P=0.318     | P=0.684     |
| MAX-ISO-POLY-3                       | P=0.410       | P=0.187       | P=0.057      | P=0.155     | P=0.332     |
| HISTCONT SAME RTE                    | (e)           | (e)           | (e)          | (e)         | (e)         |
| HISTCONT ALL RTES                    | (e)           | (e)           | (e)          | (e)         | (e)         |
| CURR VS HC SAME RTE                  | (e)           |               |              |             |             |
| CURR VS HC ALL RTES                  | (e)           |               |              |             |             |

Experiment Number: 20314 - 03  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: RATS/F 344/NCTR

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Glycidamide  
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014  
 Time Report Requested: 07:40:57  
 First Dose M/F: 05/30/05 / 05/30/05  
 Lab: NCTR

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/NCTR)  
 TERMINAL SACRIFICE AT 106 WEEKS**

| DOSE                                   | Females       |               |              |             |             |
|--|---------------|---------------|--------------|-------------|-------------|
|  | CONTROL WATER | 0.0875 GLYCID | 0.175 GLYCID | 0.35 GLYCID | 0.70 GLYCID |
| <b>Thyroid Gland: C-Cell Carcinoma</b> |               |               |              |             |             |
| <b>TUMOR RATES</b>                     |               |               |              |             |             |
| OVERALL (a)                            | 1/48 (2%)     | 0/48 (0%)     | 0/46 (0%)    | 0/46 (0%)   | 1/47 (2%)   |
| POLY-3 RATE (b)                        | 1/43.01       | 0/40.28       | 0/39.08      | 0/34.95     | 1/24.29     |
| POLY-3 PERCENT (g)                     | 2.3%          | 0%            | 0%           | 0%          | 4.1%        |
| TERMINAL (d)                           | 1/35 (3%)     | 0/26 (0%)     | 0/27 (0%)    | 0/17 (0%)   | 0/2 (0%)    |
| FIRST INCIDENCE                        | 737 (T)       | ---           | ---          | ---         | 705         |
| HC TUMORS SAME ROUTE                   | 0/0 (0%)      |               |              |             |             |
| HC TUMORS ALL ROUTES                   | 0/0 (0%)      |               |              |             |             |
| <b>STATISTICAL TESTS</b>               |               |               |              |             |             |
| POLY 3                                 | (n)           | (n)           | (n)          | (n)         | (n)         |
| POLY 1.5                               | (n)           | (n)           | (n)          | (n)         | (n)         |
| POLY 6                                 | (n)           | (n)           | (n)          | (n)         | (n)         |
| COCH-ARM / FISHERS                     | (n)           | (n)           | (n)          | (n)         | (n)         |
| MAX-ISO-POLY-3                         | (n)           | (n)           | (n)          | (n)         | (n)         |
| HISTCONT SAME RTE                      | (n)           | (n)           | (n)          | (n)         | (n)         |
| HISTCONT ALL RTES                      | (n)           | (n)           | (n)          | (n)         | (n)         |
| CURR VS HC SAME RTE                    | (n)           |               |              |             |             |
| CURR VS HC ALL RTES                    | (n)           |               |              |             |             |

Experiment Number: 20314 - 03  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: RATS/F 344/NCTR

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Glycidamide  
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014  
 Time Report Requested: 07:40:57  
 First Dose M/F: 05/30/05 / 05/30/05  
 Lab: NCTR

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/NCTR)  
 TERMINAL SACRIFICE AT 106 WEEKS**

| DOSE  | Females       |               |              |             |             |
|---|---------------|---------------|--------------|-------------|-------------|
|   | CONTROL WATER | 0.0875 GLYCID | 0.175 GLYCID | 0.35 GLYCID | 0.70 GLYCID |
| <b>Thyroid Gland: C-Cell Carcinoma or Adenoma</b> |               |               |              |             |             |
| <b>TUMOR RATES</b>                                |               |               |              |             |             |
| OVERALL (a)                                       | 3/48 (6%)     | 4/48 (8%)     | 6/46 (13%)   | 4/46 (9%)   | 3/47 (6%)   |
| POLY-3 RATE (b)                                   | 3/43.01       | 4/40.83       | 6/39.28      | 4/35.23     | 3/25.03     |
| POLY-3 PERCENT (g)                                | 7%            | 9.8%          | 15.3%        | 11.4%       | 12%         |
| TERMINAL (d)                                      | 3/35 (9%)     | 2/26 (8%)     | 5/27 (19%)   | 2/17 (12%)  | 0/2 (0%)    |
| FIRST INCIDENCE                                   | 737 (T)       | 611           | 683          | 676         | 571         |
| HC TUMORS SAME ROUTE                              | 0/0 (0%)      |               |              |             |             |
| HC TUMORS ALL ROUTES                              | 0/0 (0%)      |               |              |             |             |
| <b>STATISTICAL TESTS</b>                          |               |               |              |             |             |
| POLY 3  | P=0.315       | P=0.472       | P=0.197      | P=0.392     | P=0.404     |
| POLY 1.5  | P=0.469       | P=0.484       | P=0.207      | P=0.426     | P=0.516     |
| POLY 6  | P=0.172       | P=0.455       | P=0.187      | P=0.348     | P=0.268     |
| COCH-ARM / FISHERS                                | P=0.448N      | P=0.500       | P=0.222      | P=0.476     | P=0.651     |
| MAX-ISO-POLY-3                                    | P=0.494       | P=0.325       | P=0.121      | P=0.269     | P=0.295     |
| HISTCONT SAME RTE                                 | (e)           | (e)           | (e)          | (e)         | (e)         |
| HISTCONT ALL RTES                                 | (e)           | (e)           | (e)          | (e)         | (e)         |
| CURR VS HC SAME RTE                               | (e)           |               |              |             |             |
| CURR VS HC ALL RTES                               | (e)           |               |              |             |             |

Experiment Number: 20314 - 03  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: RATS/F 344/NCTR

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Glycidamide  
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014  
 Time Report Requested: 07:40:57  
 First Dose M/F: 05/30/05 / 05/30/05  
 Lab: NCTR

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/NCTR)  
 TERMINAL SACRIFICE AT 106 WEEKS**

| DOSE  | Females       |               |              |             |             |
|---|---------------|---------------|--------------|-------------|-------------|
|   | CONTROL WATER | 0.0875 GLYCID | 0.175 GLYCID | 0.35 GLYCID | 0.70 GLYCID |
| <b>Thyroid Gland: Follicular Cell Adenoma</b> |               |               |              |             |             |
| <b>TUMOR RATES</b>                            |               |               |              |             |             |
| OVERALL (a)                                   | 0/48 (0%)     | 3/48 (6%)     | 3/46 (7%)    | 1/46 (2%)   | 5/47 (11%)  |
| POLY-3 RATE (b)                               | 0/43.01       | 3/40.80       | 3/39.65      | 1/35.03     | 5/26.03     |
| POLY-3 PERCENT (g)                            | 0%            | 7.4%          | 7.6%         | 2.9%        | 19.2%       |
| TERMINAL (d)                                  | 0/35 (0%)     | 1/26 (4%)     | 2/27 (7%)    | 0/17 (0%)   | 1/2 (50%)   |
| FIRST INCIDENCE                               | ---           | 653           | 555          | 716         | 466         |
| HC TUMORS SAME ROUTE                          | 0/0 (0%)      |               |              |             |             |
| HC TUMORS ALL ROUTES                          | 0/0 (0%)      |               |              |             |             |
| <b>STATISTICAL TESTS</b>                      |               |               |              |             |             |
| POLY 3  | P=0.017*      | P=0.109       | P=0.104      | P=0.459     | P=0.007**   |
| POLY 1.5                                      | P=0.028*      | P=0.113       | P=0.107      | P=0.472     | P=0.013*    |
| POLY 6  | P=0.011*      | P=0.104       | P=0.101      | P=0.442     | P=0.003**   |
| COCH-ARM / FISHERS                            | P=0.055       | P=0.121       | P=0.113      | P=0.489     | P=0.026*    |
| MAX-ISO-POLY-3                                | P=0.014*      | P=0.037*      | P=0.036*     | P=0.155     | P=0.007**   |
| HISTCONT SAME RTE                             | (e)           | (e)           | (e)          | (e)         | (e)         |
| HISTCONT ALL RTES                             | (e)           | (e)           | (e)          | (e)         | (e)         |
| CURR VS HC SAME RTE                           | (e)           |               |              |             |             |
| CURR VS HC ALL RTES                           | (e)           |               |              |             |             |

Experiment Number: 20314 - 03  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: RATS/F 344/NCTR

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Glycidamide  
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014  
 Time Report Requested: 07:40:57  
 First Dose M/F: 05/30/05 / 05/30/05  
 Lab: NCTR

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/NCTR)  
 TERMINAL SACRIFICE AT 106 WEEKS**

| DOSE  | Females       |               |              |             |             |
|---|---------------|---------------|--------------|-------------|-------------|
|   | CONTROL WATER | 0.0875 GLYCID | 0.175 GLYCID | 0.35 GLYCID | 0.70 GLYCID |
| <b>Thyroid Gland: Follicular Cell Carcinoma</b> |               |               |              |             |             |
| <b>TUMOR RATES</b>                              |               |               |              |             |             |
| OVERALL (a)                                     | 0/48 (0%)     | 0/48 (0%)     | 2/46 (4%)    | 3/46 (7%)   | 3/47 (6%)   |
| POLY-3 RATE (b)                                 | 0/43.01       | 0/40.28       | 2/39.65      | 3/34.95     | 3/25.08     |
| POLY-3 PERCENT (g)                              | 0%            | 0%            | 5%           | 8.6%        | 12%         |
| TERMINAL (d)                                    | 0/35 (0%)     | 0/26 (0%)     | 0/27 (0%)    | 3/17 (18%)  | 0/2 (0%)    |
| FIRST INCIDENCE                                 | ---           | ---           | 634          | 737 (T)     | 596         |
| HC TUMORS SAME ROUTE                            | 0/0 (0%)      |               |              |             |             |
| HC TUMORS ALL ROUTES                            | 0/0 (0%)      |               |              |             |             |
| <b>STATISTICAL TESTS</b>                        |               |               |              |             |             |
| POLY 3  | P=0.006**     | (e)           | P=0.219      | P=0.085     | P=0.052     |
| POLY 1.5  | P=0.014*      | (e)           | P=0.222      | P=0.095     | P=0.074     |
| POLY 6  | P=0.003**     | (e)           | P=0.216      | P=0.073     | P=0.033*    |
| COCH-ARM / FISHERS                              | P=0.036*      | (e)           | P=0.237      | P=0.113     | P=0.117     |
| MAX-ISO-POLY-3                                  | P=0.010**     | (e)           | P=0.073      | P=0.035*    | P=0.034*    |
| HISTCONT SAME RTE                               | (e)           | (e)           | (e)          | (e)         | (e)         |
| HISTCONT ALL RTES                               | (e)           | (e)           | (e)          | (e)         | (e)         |
| CURR VS HC SAME RTE                             | (e)           |               |              |             |             |
| CURR VS HC ALL RTES                             | (e)           |               |              |             |             |

Experiment Number: 20314 - 03  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: RATS/F 344/NCTR

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Glycidamide  
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014  
 Time Report Requested: 07:40:57  
 First Dose M/F: 05/30/05 / 05/30/05  
 Lab: NCTR

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/NCTR)  
 TERMINAL SACRIFICE AT 106 WEEKS**

| DOSE   | Females       |               |              |             |             |
|--|---------------|---------------|--------------|-------------|-------------|
|  | CONTROL WATER | 0.0875 GLYCID | 0.175 GLYCID | 0.35 GLYCID | 0.70 GLYCID |
| <b>Thyroid Gland: Follicular Cell Carcinoma or Adenoma</b> |               |               |              |             |             |
| <b>TUMOR RATES</b>   |               |               |              |             |             |
| OVERALL (a)  | 0/48 (0%)     | 3/48 (6%)     | 5/46 (11%)   | 4/46 (9%)   | 8/47 (17%)  |
| POLY-3 RATE (b)  | 0/43.01       | 3/40.80       | 5/40.22      | 4/35.03     | 8/26.94     |
| POLY-3 PERCENT (g)   | 0%            | 7.4%          | 12.4%        | 11.4%       | 29.7%       |
| TERMINAL (d)   | 0/35 (0%)     | 1/26 (4%)     | 2/27 (7%)    | 3/17 (18%)  | 1/2 (50%)   |
| FIRST INCIDENCE  | ---           | 653           | 555          | 716         | 466         |
| HC TUMORS SAME ROUTE                                       | 0/0 (0%)      |               |              |             |             |
| HC TUMORS ALL ROUTES                                       | 0/0 (0%)      |               |              |             |             |
| <b>STATISTICAL TESTS</b>                                   |               |               |              |             |             |
| POLY 3   | P<0.001**     | P=0.109       | P=0.025*     | P=0.038*    | P<0.001**   |
| POLY 1.5   | P<0.001**     | P=0.113       | P=0.025*     | P=0.044*    | P<0.001**   |
| POLY 6   | P<0.001**     | P=0.104       | P=0.024*     | P=0.030*    | P<0.001**   |
| COCH-ARM / FISHERS   | P=0.005**     | P=0.121       | P=0.025*     | P=0.054     | P=0.003**   |
| MAX-ISO-POLY-3   | P<0.001**     | P=0.037*      | P=0.008**    | P=0.017*    | P<0.001**   |
| HISTCONT SAME RTE  | (e)           | (e)           | (e)          | (e)         | (e)         |
| HISTCONT ALL RTES  | (e)           | (e)           | (e)          | (e)         | (e)         |
| CURR VS HC SAME RTE  | (e)           |               |              |             |             |
| CURR VS HC ALL RTES  | (e)           |               |              |             |             |



Experiment Number: 20314 - 03  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: RATS/F 344/NCTR

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Glycidamide  
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014  
 Time Report Requested: 07:40:57  
 First Dose M/F: 05/30/05 / 05/30/05  
 Lab: NCTR

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/NCTR)  
 TERMINAL SACRIFICE AT 106 WEEKS**

| DOSE   | Females       |               |              |             |             |
|--|---------------|---------------|--------------|-------------|-------------|
|  | CONTROL WATER | 0.0875 GLYCID | 0.175 GLYCID | 0.35 GLYCID | 0.70 GLYCID |
| <b>Tongue</b>  |               |               |              |             |             |
| <b>Squamous Cell Carcinoma or Papilloma Squamous</b> |               |               |              |             |             |
| <b>TUMOR RATES</b>                                   | #             | #             | #            | #           | #           |
| OVERALL (a)  | 0/48 (0%)     | 1/48 (2%)     | 0/48 (0%)    | 1/48 (2%)   | 1/48 (2%)   |
| POLY-3 RATE (b)                                      | 0/43.01       | 1/40.45       | 0/40.28      | 1/35.97     | 1/24.90     |
| POLY-3 PERCENT (g)                                   | 0%            | 2.5%          | 0%           | 2.8%        | 4%          |
| TERMINAL (d)   | 0/35 (0%)     | 0/26 (0%)     | 0/27 (0%)    | 0/17 (0%)   | 0/2 (0%)    |
| FIRST INCIDENCE                                      | ---           | 693           | ---          | 585         | 574         |
| HC TUMORS SAME ROUTE                                 | 0/0 (0%)      |               |              |             |             |
| HC TUMORS ALL ROUTES                                 | 0/0 (0%)      |               |              |             |             |
| <b>STATISTICAL TESTS</b>                             |               |               |              |             |             |
| POLY 3   | (n)           | (n)           | (n)          | (n)         | (n)         |
| POLY 1.5   | (n)           | (n)           | (n)          | (n)         | (n)         |
| POLY 6   | (n)           | (n)           | (n)          | (n)         | (n)         |
| COCH-ARM / FISHERS                                   | (n)           | (n)           | (n)          | (n)         | (n)         |
| MAX-ISO-POLY-3                                       | (n)           | (n)           | (n)          | (n)         | (n)         |
| HISTCONT SAME RTE                                    | (n)           | (n)           | (n)          | (n)         | (n)         |
| HISTCONT ALL RTES                                    | (n)           | (n)           | (n)          | (n)         | (n)         |
| CURR VS HC SAME RTE                                  | (n)           |               |              |             |             |
| CURR VS HC ALL RTES                                  | (n)           |               |              |             |             |

Experiment Number: 20314 - 03  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: RATS/F 344/NCTR

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Glycidamide  
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014  
 Time Report Requested: 07:40:57  
 First Dose M/F: 05/30/05 / 05/30/05  
 Lab: NCTR

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/NCTR)  
 TERMINAL SACRIFICE AT 106 WEEKS**

| DOSE                           | Females       |               |              |             |             |
|--------------------------------|---------------|---------------|--------------|-------------|-------------|
|                                | CONTROL WATER | 0.0875 GLYCID | 0.175 GLYCID | 0.35 GLYCID | 0.70 GLYCID |
| <b>Tongue</b>                  |               |               |              |             |             |
| <b>Squamous Cell Papilloma</b> |               |               |              |             |             |
| <b>TUMOR RATES</b>             | #             | #             | #            | #           | #           |
| OVERALL (a)                    | 0/48 (0%)     | 1/48 (2%)     | 0/48 (0%)    | 1/48 (2%)   | 0/48 (0%)   |
| POLY-3 RATE (b)                | 0/43.01       | 1/40.45       | 0/40.28      | 1/35.97     | 0/24.37     |
| POLY-3 PERCENT (g)             | 0%            | 2.5%          | 0%           | 2.8%        | 0%          |
| TERMINAL (d)                   | 0/35 (0%)     | 0/26 (0%)     | 0/27 (0%)    | 0/17 (0%)   | 0/2 (0%)    |
| FIRST INCIDENCE                | ---           | 693           | ---          | 585         | ---         |
| HC TUMORS SAME ROUTE           | 0/0 (0%)      |               |              |             |             |
| HC TUMORS ALL ROUTES           | 0/0 (0%)      |               |              |             |             |
| <b>STATISTICAL TESTS</b>       |               |               |              |             |             |
| POLY 3                         | (n)           | (n)           | (n)          | (n)         | (n)         |
| POLY 1.5                       | (n)           | (n)           | (n)          | (n)         | (n)         |
| POLY 6                         | (n)           | (n)           | (n)          | (n)         | (n)         |
| COCH-ARM / FISHERS             | (n)           | (n)           | (n)          | (n)         | (n)         |
| MAX-ISO-POLY-3                 | (n)           | (n)           | (n)          | (n)         | (n)         |
| HISTCONT SAME RTE              | (n)           | (n)           | (n)          | (n)         | (n)         |
| HISTCONT ALL RTES              | (n)           | (n)           | (n)          | (n)         | (n)         |
| CURR VS HC SAME RTE            | (n)           |               |              |             |             |
| CURR VS HC ALL RTES            | (n)           |               |              |             |             |

Experiment Number: 20314 - 03  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: RATS/F 344/NCTR

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Glycidamide  
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014  
 Time Report Requested: 07:40:57  
 First Dose M/F: 05/30/05 / 05/30/05  
 Lab: NCTR

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/NCTR)  
 TERMINAL SACRIFICE AT 106 WEEKS**

| DOSE                     | Females       |               |              |             |             |
|--------------------------|---------------|---------------|--------------|-------------|-------------|
|                          | CONTROL WATER | 0.0875 GLYCID | 0.175 GLYCID | 0.35 GLYCID | 0.70 GLYCID |
| <b>Uterus</b>            |               |               |              |             |             |
| <b>Polyp Stromal</b>     |               |               |              |             |             |
| <b>TUMOR RATES</b>       | #             | #             | #            | #           | #           |
| OVERALL (a)              | 11/48 (23%)   | 11/48 (23%)   | 13/48 (27%)  | 14/48 (29%) | 11/48 (23%) |
| POLY-3 RATE (b)          | 11/43.78      | 11/41.89      | 13/41.50     | 14/36.87    | 11/29.00    |
| POLY-3 PERCENT (g)       | 25.1%         | 26.3%         | 31.3%        | 38%         | 37.9%       |
| TERMINAL (d)             | 9/35 (26%)    | 7/26 (27%)    | 8/27 (30%)   | 8/17 (47%)  | 0/2 (0%)    |
| FIRST INCIDENCE          | 573           | 571           | 514          | 585         | 453         |
| HC TUMORS SAME ROUTE     | 0/0 (0%)      |               |              |             |             |
| HC TUMORS ALL ROUTES     | 0/0 (0%)      |               |              |             |             |
| <b>STATISTICAL TESTS</b> |               |               |              |             |             |
| POLY 3                   | P=0.088       | P=0.551       | P=0.346      | P=0.156     | P=0.187     |
| POLY 1.5                 | P=0.223       | P=0.570       | P=0.370      | P=0.214     | P=0.347     |
| POLY 6                   | P=0.019*      | P=0.524       | P=0.317      | P=0.102     | P=0.063     |
| COCH-ARM / FISHERS       | P=0.521       | P=0.596N      | P=0.407      | P=0.321     | P=0.596N    |
| MAX-ISO-POLY-3           | P=0.151       | P=0.453       | P=0.267      | P=0.123     | P=0.165     |
| HISTCONT SAME RTE        | (e)           | (e)           | (e)          | (e)         | (e)         |
| HISTCONT ALL RTES        | (e)           | (e)           | (e)          | (e)         | (e)         |
| CURR VS HC SAME RTE      | (e)           |               |              |             |             |
| CURR VS HC ALL RTES      | (e)           |               |              |             |             |

Experiment Number: 20314 - 03  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: RATS/F 344/NCTR

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Glycidamide  
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014  
 Time Report Requested: 07:40:57  
 First Dose M/F: 05/30/05 / 05/30/05  
 Lab: NCTR

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/NCTR)  
 TERMINAL SACRIFICE AT 106 WEEKS**

| DOSE                     | Females       |               |              |             |             |
|--------------------------|---------------|---------------|--------------|-------------|-------------|
|                          | CONTROL WATER | 0.0875 GLYCID | 0.175 GLYCID | 0.35 GLYCID | 0.70 GLYCID |
| <b>Uterus</b>            |               |               |              |             |             |
| <b>Sarcoma Stromal</b>   |               |               |              |             |             |
| <b>TUMOR RATES</b>       | #             | #             | #            | #           | #           |
| OVERALL (a)              | 1/48 (2%)     | 0/48 (0%)     | 2/48 (4%)    | 1/48 (2%)   | 2/48 (4%)   |
| POLY-3 RATE (b)          | 1/43.07       | 0/40.28       | 2/40.67      | 1/36.35     | 2/25.80     |
| POLY-3 PERCENT (g)       | 2.3%          | 0%            | 4.9%         | 2.8%        | 7.8%        |
| TERMINAL (d)             | 0/35 (0%)     | 0/26 (0%)     | 1/27 (4%)    | 0/17 (0%)   | 0/2 (0%)    |
| FIRST INCIDENCE          | 722           | ---           | 625          | 365         | 453         |
| HC TUMORS SAME ROUTE     | 0/0 (0%)      |               |              |             |             |
| HC TUMORS ALL ROUTES     | 0/0 (0%)      |               |              |             |             |
| <b>STATISTICAL TESTS</b> |               |               |              |             |             |
| POLY 3                   | P=0.153       | P=0.513N      | P=0.480      | P=0.722     | P=0.333     |
| POLY 1.5                 | P=0.201       | P=0.507N      | P=0.488      | P=0.738     | P=0.405     |
| POLY 6                   | P=0.123       | P=0.522N      | P=0.470      | P=0.698     | P=0.248     |
| COCH-ARM / FISHERS       | P=0.279       | P=0.500N      | P=0.500      | P=0.753N    | P=0.500     |
| MAX-ISO-POLY-3           | P=0.233       | P=0.174N      | P=0.269      | P=0.455     | P=0.203     |
| HISTCONT SAME RTE        | (e)           | (e)           | (e)          | (e)         | (e)         |
| HISTCONT ALL RTEs        | (e)           | (e)           | (e)          | (e)         | (e)         |
| CURR VS HC SAME RTE      | (e)           |               |              |             |             |
| CURR VS HC ALL RTEs      | (e)           |               |              |             |             |

Experiment Number: 20314 - 03  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: RATS/F 344/NCTR

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Glycidamide  
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014  
 Time Report Requested: 07:40:57  
 First Dose M/F: 05/30/05 / 05/30/05  
 Lab: NCTR

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/NCTR)  
 TERMINAL SACRIFICE AT 106 WEEKS**

| DOSE                                    | Females       |               |              |             |             |
|---|---------------|---------------|--------------|-------------|-------------|
|   | CONTROL WATER | 0.0875 GLYCID | 0.175 GLYCID | 0.35 GLYCID | 0.70 GLYCID |
| <b>Uterus</b>                           |               |               |              |             |             |
| <b>Sarcoma Stromal or Polyp Stromal</b> |               |               |              |             |             |
| <b>TUMOR RATES</b>                      | #             | #             | #            | #           | #           |
| OVERALL (a)                             | 12/48 (25%)   | 11/48 (23%)   | 15/48 (31%)  | 15/48 (31%) | 12/48 (25%) |
| POLY-3 RATE (b)                         | 12/43.84      | 11/41.89      | 15/41.89     | 15/37.75    | 12/29.66    |
| POLY-3 PERCENT (g)                      | 27.4%         | 26.3%         | 35.8%        | 39.7%       | 40.5%       |
| TERMINAL (d)                            | 9/35 (26%)    | 7/26 (27%)    | 9/27 (33%)   | 8/17 (47%)  | 0/2 (0%)    |
| FIRST INCIDENCE                         | 573           | 571           | 514          | 365         | 453         |
| HC TUMORS SAME ROUTE                    | 0/0 (0%)      |               |              |             |             |
| HC TUMORS ALL ROUTES                    | 0/0 (0%)      |               |              |             |             |
| <b>STATISTICAL TESTS</b>                |               |               |              |             |             |
| POLY 3                                  | P=0.079       | P=0.551N      | P=0.271      | P=0.169     | P=0.181     |
| POLY 1.5                                | P=0.206       | P=0.529N      | P=0.292      | P=0.226     | P=0.342     |
| POLY 6                                  | P=0.017*      | P=0.581N      | P=0.247      | P=0.112     | P=0.059     |
| COCH-ARM / FISHERS                      | P=0.500       | P=0.500N      | P=0.325      | P=0.325     | P=0.593N    |
| MAX-ISO-POLY-3                          | P=0.136       | P=0.454N      | P=0.203      | P=0.131     | P=0.160     |
| HISTCONT SAME RTE                       | (e)           | (e)           | (e)          | (e)         | (e)         |
| HISTCONT ALL RTES                       | (e)           | (e)           | (e)          | (e)         | (e)         |
| CURR VS HC SAME RTE                     | (e)           |               |              |             |             |
| CURR VS HC ALL RTES                     | (e)           |               |              |             |             |

Experiment Number: 20314 - 03  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: RATS/F 344/NCTR

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Glycidamide  
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014  
 Time Report Requested: 07:40:57  
 First Dose M/F: 05/30/05 / 05/30/05  
 Lab: NCTR

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/NCTR)  
 TERMINAL SACRIFICE AT 106 WEEKS**

| DOSE                            | Females       |               |              |             |             |
|---------------------------------|---------------|---------------|--------------|-------------|-------------|
|                                 | CONTROL WATER | 0.0875 GLYCID | 0.175 GLYCID | 0.35 GLYCID | 0.70 GLYCID |
| <b>Zymbal's Gland Carcinoma</b> |               |               |              |             |             |
| <b>TUMOR RATES</b>              | #             | #             | #            | #           | #           |
| OVERALL (a)                     | 1/48 (2%)     | 0/48 (0%)     | 0/48 (0%)    | 0/48 (0%)   | 2/48 (4%)   |
| POLY-3 RATE (b)                 | 1/43.20       | 0/40.28       | 0/40.28      | 0/35.47     | 2/25.91     |
| POLY-3 PERCENT (g)              | 2.3%          | 0%            | 0%           | 0%          | 7.7%        |
| TERMINAL (d)                    | 0/35 (0%)     | 0/26 (0%)     | 0/27 (0%)    | 0/17 (0%)   | 0/2 (0%)    |
| FIRST INCIDENCE                 | 687           | ---           | ---          | ---         | 344         |
| HC TUMORS SAME ROUTE            | 0/0 (0%)      |               |              |             |             |
| HC TUMORS ALL ROUTES            | 0/0 (0%)      |               |              |             |             |
| <b>STATISTICAL TESTS</b>        |               |               |              |             |             |
| POLY 3                          | P=0.134       | P=0.514N      | P=0.514N     | P=0.539N    | P=0.334     |
| POLY 1.5                        | P=0.137       | P=0.508N      | P=0.508N     | P=0.523N    | P=0.406     |
| POLY 6                          | P=0.171       | P=0.523N      | P=0.522N     | P=0.559N    | P=0.247     |
| COCH-ARM / FISHERS              | P=0.152       | P=0.500N      | P=0.500N     | P=0.500N    | P=0.500     |
| MAX-ISO-POLY-3                  | P=0.076       | P=0.175N      | P=0.175N     | P=0.204N    | P=0.203     |
| HISTCONT SAME RTE               | (e)           | (e)           | (e)          | (e)         | (e)         |
| HISTCONT ALL RTEs               | (e)           | (e)           | (e)          | (e)         | (e)         |
| CURR VS HC SAME RTE             | (e)           |               |              |             |             |
| CURR VS HC ALL RTEs             | (e)           |               |              |             |             |

Experiment Number: 20314 - 03  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: RATS/F 344/NCTR

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Glycidamide  
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014  
 Time Report Requested: 07:40:57  
 First Dose M/F: 05/30/05 / 05/30/05  
 Lab: NCTR

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/NCTR)  
 TERMINAL SACRIFICE AT 106 WEEKS**

| DOSE  | Females       |               |              |             |             |
|---|---------------|---------------|--------------|-------------|-------------|
|   | CONTROL WATER | 0.0875 GLYCID | 0.175 GLYCID | 0.35 GLYCID | 0.70 GLYCID |
| <b>All Organs</b>   |               |               |              |             |             |
| <b>Leukemia: Lymphocytic, Monocytic, Mononuclear, or Undifferentiated</b> |               |               |              |             |             |
| <b>TUMOR RATES</b>  | #             | #             | #            | #           | #           |
| OVERALL (a)   | 14/48 (29%)   | 11/48 (23%)   | 21/48 (44%)  | 19/48 (40%) | 27/48 (56%) |
| POLY-3 RATE (b)   | 14/45.75      | 11/43.20      | 21/44.38     | 19/39.76    | 27/37.28    |
| POLY-3 PERCENT (g)  | 30.6%         | 25.5%         | 47.3%        | 47.8%       | 72.4%       |
| TERMINAL (d)  | 8/35 (23%)    | 3/26 (12%)    | 10/27 (37%)  | 7/17 (41%)  | 1/2 (50%)   |
| FIRST INCIDENCE   | 432           | 509           | 373          | 456         | 435         |
| HC TUMORS SAME ROUTE  | 0/0 (0%)      |               |              |             |             |
| HC TUMORS ALL ROUTES  | 0/0 (0%)      |               |              |             |             |
| <b>STATISTICAL TESTS</b>  |               |               |              |             |             |
| POLY 3  | P<0.001**     | P=0.381N      | P=0.076      | P=0.077     | P<0.001**   |
| POLY 1.5  | P<0.001**     | P=0.358N      | P=0.085      | P=0.112     | P<0.001**   |
| POLY 6  | P<0.001**     | P=0.408N      | P=0.068      | P=0.049*    | P<0.001**   |
| COCH-ARM / FISHERS  | P<0.001**     | P=0.321N      | P=0.101      | P=0.195     | P=0.006**   |
| MAX-ISO-POLY-3  | P<0.001**     | P=0.300N      | P=0.052      | P=0.061     | P<0.001**   |
| HISTCONT SAME RTE   | (e)           | (e)           | (e)          | (e)         | (e)         |
| HISTCONT ALL RTES   | (e)           | (e)           | (e)          | (e)         | (e)         |
| CURR VS HC SAME RTE   | (e)           |               |              |             |             |
| CURR VS HC ALL RTES   | (e)           |               |              |             |             |

Experiment Number: 20314 - 03  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: RATS/F 344/NCTR

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Glycidamide  
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014  
 Time Report Requested: 07:40:57  
 First Dose M/F: 05/30/05 / 05/30/05  
 Lab: NCTR

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/NCTR)  
 TERMINAL SACRIFICE AT 106 WEEKS**

| DOSE  | Females       |               |              |             |             |
|---|---------------|---------------|--------------|-------------|-------------|
|   | CONTROL WATER | 0.0875 GLYCID | 0.175 GLYCID | 0.35 GLYCID | 0.70 GLYCID |
| <b>All Organs</b>                           |               |               |              |             |             |
| <b>Mesothelioma: Benign, Malignant, NOS</b> |               |               |              |             |             |
| <b>TUMOR RATES</b>                          | #             | #             | #            | #           | #           |
| OVERALL (a)                                 | 0/48 (0%)     | 0/48 (0%)     | 0/48 (0%)    | 0/48 (0%)   | 0/48 (0%)   |
| POLY-3 RATE (b)                             | 0/43.01       | 0/40.28       | 0/40.28      | 0/35.47     | 0/24.37     |
| POLY-3 PERCENT (g)                          | 0%            | 0%            | 0%           | 0%          | 0%          |
| TERMINAL (d)                                | 0/35 (0%)     | 0/26 (0%)     | 0/27 (0%)    | 0/17 (0%)   | 0/2 (0%)    |
| FIRST INCIDENCE                             | ---           | ---           | ---          | ---         | ---         |
| HC TUMORS SAME ROUTE                        | 0/0 (0%)      |               |              |             |             |
| HC TUMORS ALL ROUTES                        | 0/0 (0%)      |               |              |             |             |
| <b>STATISTICAL TESTS</b>                    |               |               |              |             |             |
| POLY 3                                      | (n)           | (n)           | (n)          | (n)         | (n)         |
| POLY 1.5                                    | (n)           | (n)           | (n)          | (n)         | (n)         |
| POLY 6                                      | (n)           | (n)           | (n)          | (n)         | (n)         |
| COCH-ARM / FISHERS                          | (n)           | (n)           | (n)          | (n)         | (n)         |
| MAX-ISO-POLY-3                              | (n)           | (n)           | (n)          | (n)         | (n)         |
| HISTCONT SAME RTE                           | (n)           | (n)           | (n)          | (n)         | (n)         |
| HISTCONT ALL RTES                           | (n)           | (n)           | (n)          | (n)         | (n)         |
| CURR VS HC SAME RTE                         | (n)           |               |              |             |             |
| CURR VS HC ALL RTES                         | (n)           |               |              |             |             |



Experiment Number: 20314 - 03  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: RATS/F 344/NCTR

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Glycidamide  
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014  
 Time Report Requested: 07:40:57  
 First Dose M/F: 05/30/05 / 05/30/05  
 Lab: NCTR

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/NCTR)  
 TERMINAL SACRIFICE AT 106 WEEKS**

| DOSE                           | Females       |               |              |             |             |
|--------------------------------|---------------|---------------|--------------|-------------|-------------|
|                                | CONTROL WATER | 0.0875 GLYCID | 0.175 GLYCID | 0.35 GLYCID | 0.70 GLYCID |
| <b>All Organs</b>              |               |               |              |             |             |
| <b>Mesothelioma: Malignant</b> |               |               |              |             |             |
| <b>TUMOR RATES</b>             | #             | #             | #            | #           | #           |
| OVERALL (a)                    | 0/48 (0%)     | 0/48 (0%)     | 0/48 (0%)    | 0/48 (0%)   | 0/48 (0%)   |
| POLY-3 RATE (b)                | 0/43.01       | 0/40.28       | 0/40.28      | 0/35.47     | 0/24.37     |
| POLY-3 PERCENT (g)             | 0%            | 0%            | 0%           | 0%          | 0%          |
| TERMINAL (d)                   | 0/35 (0%)     | 0/26 (0%)     | 0/27 (0%)    | 0/17 (0%)   | 0/2 (0%)    |
| FIRST INCIDENCE                | ---           | ---           | ---          | ---         | ---         |
| HC TUMORS SAME ROUTE           | 0/0 (0%)      |               |              |             |             |
| HC TUMORS ALL ROUTES           | 0/0 (0%)      |               |              |             |             |
| <b>STATISTICAL TESTS</b>       |               |               |              |             |             |
| POLY 3                         | (n)           | (n)           | (n)          | (n)         | (n)         |
| POLY 1.5                       | (n)           | (n)           | (n)          | (n)         | (n)         |
| POLY 6                         | (n)           | (n)           | (n)          | (n)         | (n)         |
| COCH-ARM / FISHERS             | (n)           | (n)           | (n)          | (n)         | (n)         |
| MAX-ISO-POLY-3                 | (n)           | (n)           | (n)          | (n)         | (n)         |
| HISTCONT SAME RTE              | (n)           | (n)           | (n)          | (n)         | (n)         |
| HISTCONT ALL RTES              | (n)           | (n)           | (n)          | (n)         | (n)         |
| CURR VS HC SAME RTE            | (n)           |               |              |             |             |
| CURR VS HC ALL RTES            | (n)           |               |              |             |             |

Experiment Number: 20314 - 03  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: RATS/F 344/NCTR

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Glycidamide  
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014  
 Time Report Requested: 07:40:57  
 First Dose M/F: 05/30/05 / 05/30/05  
 Lab: NCTR

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/NCTR)  
 TERMINAL SACRIFICE AT 106 WEEKS**

| DOSE                           | Females       |               |              |             |             |
|--------------------------------|---------------|---------------|--------------|-------------|-------------|
|                                | CONTROL WATER | 0.0875 GLYCID | 0.175 GLYCID | 0.35 GLYCID | 0.70 GLYCID |
| <b>All Organs</b>              |               |               |              |             |             |
| <b>Osteosarcoma or Osteoma</b> |               |               |              |             |             |
| <b>TUMOR RATES</b>             | #             | #             | #            | #           | #           |
| OVERALL (a)                    | 0/48 (0%)     | 0/48 (0%)     | 0/48 (0%)    | 1/48 (2%)   | 0/48 (0%)   |
| POLY-3 RATE (b)                | 0/43.01       | 0/40.28       | 0/40.28      | 1/36.11     | 0/24.37     |
| POLY-3 PERCENT (g)             | 0%            | 0%            | 0%           | 2.8%        | 0%          |
| TERMINAL (d)                   | 0/35 (0%)     | 0/26 (0%)     | 0/27 (0%)    | 0/17 (0%)   | 0/2 (0%)    |
| FIRST INCIDENCE                | ---           | ---           | ---          | 526         | ---         |
| HC TUMORS SAME ROUTE           | 0/0 (0%)      |               |              |             |             |
| HC TUMORS ALL ROUTES           | 0/0 (0%)      |               |              |             |             |
| <b>STATISTICAL TESTS</b>       |               |               |              |             |             |
| POLY 3                         | (n)           | (n)           | (n)          | (n)         | (n)         |
| POLY 1.5                       | (n)           | (n)           | (n)          | (n)         | (n)         |
| POLY 6                         | (n)           | (n)           | (n)          | (n)         | (n)         |
| COCH-ARM / FISHERS             | (n)           | (n)           | (n)          | (n)         | (n)         |
| MAX-ISO-POLY-3                 | (n)           | (n)           | (n)          | (n)         | (n)         |
| HISTCONT SAME RTE              | (n)           | (n)           | (n)          | (n)         | (n)         |
| HISTCONT ALL RTES              | (n)           | (n)           | (n)          | (n)         | (n)         |
| CURR VS HC SAME RTE            | (n)           |               |              |             |             |
| CURR VS HC ALL RTES            | (n)           |               |              |             |             |

Experiment Number: 20314 - 03  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: RATS/F 344/NCTR

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Glycidamide  
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014  
 Time Report Requested: 07:40:57  
 First Dose M/F: 05/30/05 / 05/30/05  
 Lab: NCTR

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/NCTR)  
 TERMINAL SACRIFICE AT 106 WEEKS**

| DOSE                     | Females       |               |              |              |             |
|--------------------------|---------------|---------------|--------------|--------------|-------------|
|                          | CONTROL WATER | 0.0875 GLYCID | 0.175 GLYCID | 0.35 GLYCID  | 0.70 GLYCID |
| <b>All Organs</b>        |               |               |              |              |             |
| <b>Benign Tumors</b>     |               |               |              |              |             |
| <b>TUMOR RATES</b>       | #             | #             | #            | #            | #           |
| OVERALL (a)              | 40/48 (83%)   | 47/48 (98%)   | 42/48 (88%)  | 40/48 (83%)  | 44/48 (92%) |
| POLY-3 RATE (b)          | 40/45.52      | 47/47.33      | 42/44.90     | 40/42.35     | 44/44.97    |
| POLY-3 PERCENT (g)       | 87.9%         | 99.3%         | 93.5%        | 94.4%        | 97.9%       |
| TERMINAL (d)             | 32/35 (91%)   | 26/26 (100%)  | 26/27 (96%)  | 17/17 (100%) | 2/2 (100%)  |
| FIRST INCIDENCE          | 550           | 484           | 514          | 436          | 375         |
| HC TUMORS SAME ROUTE     | 0/0 (0%)      |               |              |              |             |
| HC TUMORS ALL ROUTES     | 0/0 (0%)      |               |              |              |             |
| <b>STATISTICAL TESTS</b> |               |               |              |              |             |
| POLY 3                   | P=0.089       | P=0.018*      | P=0.262      | P=0.202      | P=0.048*    |
| POLY 1.5                 | P=0.193       | P=0.015*      | P=0.306      | P=0.355      | P=0.075     |
| POLY 6                   | P=0.045*      | P=0.029*      | P=0.233      | P=0.101      | P=0.045*    |
| COCH-ARM / FISHERS       | P=0.443       | P=0.015*      | P=0.387      | P=0.608N     | P=0.178     |
| MAX-ISO-POLY-3           | P=0.007**     | P=0.006**     | P=0.148      | P=0.107      | P=0.017*    |
| HISTCONT SAME RTE        | (e)           | (e)           | (e)          | (e)          | (e)         |
| HISTCONT ALL RTES        | (e)           | (e)           | (e)          | (e)          | (e)         |
| CURR VS HC SAME RTE      | (e)           |               |              |              |             |
| CURR VS HC ALL RTES      | (e)           |               |              |              |             |

Experiment Number: 20314 - 03  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: RATS/F 344/NCTR

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Glycidamide  
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014  
 Time Report Requested: 07:40:57  
 First Dose M/F: 05/30/05 / 05/30/05  
 Lab: NCTR

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/NCTR)  
 TERMINAL SACRIFICE AT 106 WEEKS**

| DOSE                     | Females       |               |              |             |             |
|--------------------------|---------------|---------------|--------------|-------------|-------------|
|                          | CONTROL WATER | 0.0875 GLYCID | 0.175 GLYCID | 0.35 GLYCID | 0.70 GLYCID |
| <b>All Organs</b>        |               |               |              |             |             |
| <b>Malignant Tumors</b>  |               |               |              |             |             |
| <b>TUMOR RATES</b>       | #             | #             | #            | #           | #           |
| OVERALL (a)              | 22/48 (46%)   | 20/48 (42%)   | 31/48 (65%)  | 34/48 (71%) | 44/48 (92%) |
| POLY-3 RATE (b)          | 22/46.32      | 20/44.66      | 31/46.23     | 34/44.93    | 44/45.67    |
| POLY-3 PERCENT (g)       | 47.5%         | 44.8%         | 67.1%        | 75.7%       | 96.3%       |
| TERMINAL (d)             | 14/35 (40%)   | 9/26 (35%)    | 16/27 (59%)  | 11/17 (65%) | 2/2 (100%)  |
| FIRST INCIDENCE          | 432           | 484           | 373          | 365         | 344         |
| HC TUMORS SAME ROUTE     | 0/0 (0%)      |               |              |             |             |
| HC TUMORS ALL ROUTES     | 0/0 (0%)      |               |              |             |             |
| <b>STATISTICAL TESTS</b> |               |               |              |             |             |
| POLY 3                   | P<0.001**     | P=0.481N      | P=0.042*     | P=0.004**   | P<0.001**   |
| POLY 1.5                 | P<0.001**     | P=0.457N      | P=0.044*     | P=0.005**   | P<0.001**   |
| POLY 6                   | P<0.001**     | P=0.507N      | P=0.041*     | P=0.003**   | P<0.001**   |
| COCH-ARM / FISHERS       | P<0.001**     | P=0.419N      | P=0.050*     | P=0.011*    | P<0.001**   |
| MAX-ISO-POLY-3           | P<0.001**     | P=0.399N      | P=0.026*     | P=0.002**   | P<0.001**   |
| HISTCONT SAME RTE        | (e)           | (e)           | (e)          | (e)         | (e)         |
| HISTCONT ALL RTES        | (e)           | (e)           | (e)          | (e)         | (e)         |
| CURR VS HC SAME RTE      | (e)           |               |              |             |             |
| CURR VS HC ALL RTES      | (e)           |               |              |             |             |

Experiment Number: 20314 - 03  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: RATS/F 344/NCTR

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 Glycidamide  
 CAS Number: 5694-00-8

Date Report Requested: 12/17/2014  
 Time Report Requested: 07:40:57  
 First Dose M/F: 05/30/05 / 05/30/05  
 Lab: NCTR

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/NCTR)  
 TERMINAL SACRIFICE AT 106 WEEKS**

| DOSE                               | Females       |               |              |              |              |
|------------------------------------|---------------|---------------|--------------|--------------|--------------|
|                                    | CONTROL WATER | 0.0875 GLYCID | 0.175 GLYCID | 0.35 GLYCID  | 0.70 GLYCID  |
| <b>All Organs</b>                  |               |               |              |              |              |
| <b>Malignant and Benign Tumors</b> |               |               |              |              |              |
| <b>TUMOR RATES</b>                 | #             | #             | #            | #            | #            |
| OVERALL (a)                        | 45/48 (94%)   | 48/48 (100%)  | 46/48 (96%)  | 46/48 (96%)  | 48/48 (100%) |
| POLY-3 RATE (b)                    | 45/48.00      | 48/48.00      | 46/47.28     | 46/46.37     | 48/48.00     |
| POLY-3 PERCENT (g)                 | 93.8%         | 100%          | 97.3%        | 99.2%        | 100%         |
| TERMINAL (d)                       | 32/35 (91%)   | 26/26 (100%)  | 26/27 (96%)  | 17/17 (100%) | 2/2 (100%)   |
| FIRST INCIDENCE                    | 432           | 484           | 373          | 365          | 344          |
| HC TUMORS SAME ROUTE               | 0/0 (0%)      |               |              |              |              |
| HC TUMORS ALL ROUTES               | 0/0 (0%)      |               |              |              |              |
| <b>STATISTICAL TESTS</b>           |               |               |              |              |              |
| POLY 3                             | P=0.084       | P=0.119       | P=0.364      | P=0.181      | P=0.119      |
| POLY 1.5                           | P=0.100       | P=0.119       | P=0.413      | P=0.263      | P=0.119      |
| POLY 6                             | P=0.078       | P=0.119       | P=0.327      | P=0.139      | P=0.119      |
| COCH-ARM / FISHERS                 | P=0.171       | P=0.121       | P=0.500      | P=0.500      | P=0.121      |
| MAX-ISO-POLY-3                     | P=0.016*      | P=0.038*      | P=0.198      | P=0.071      | P=0.038*     |
| HISTCONT SAME RTE                  | (e)           | (e)           | (e)          | (e)          | (e)          |
| HISTCONT ALL RTES                  | (e)           | (e)           | (e)          | (e)          | (e)          |
| CURR VS HC SAME RTE                | (e)           |               |              |              |              |
| CURR VS HC ALL RTES                | (e)           |               |              |              |              |

Experiment Number: 20314 - 03  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: RATS/F 344/NCTR

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
Glycidamide  
CAS Number: 5694-00-8

Date Report Requested: 12/17/2014  
Time Report Requested: 07:40:57  
First Dose M/F: 05/30/05 / 05/30/05  
Lab: NCTR

## LEGEND

- (a) Number of tumor-bearing animals/number of animals examined at site.
- (b) Number of tumor-bearing animals/Poly-3 number
- (d) Observed incidence at terminal kill.
- (e) Value of statistic cannot be computed.
- (f) Beneath the control incidence are the P-values associated with the trend test. Beneath the dosed group incidence are the P-values corresponding to pairwise comparisons between the controls and that dosed group.
- (g) Poly-3 adjusted lifetime tumor incidence.
- (h) Historical Controls statistic is not calculated when the HC Poly-3 rate is higher than the Poly-3 rates for all dose groups.
- (n) No statistics are calculated if all dose groups have fewer than two tumors.
- (I) Interim sacrifice
- (T) Terminal sacrifice
- # Tumor rates based on numbers of animals necropsied.
- \* To the right of any statistical result, indicates significance at ( $P \leq 0.05$ ).
- \*\* To the right of any statistical result, indicates significance at ( $P \leq 0.01$ ).
- N Indicates a negative trend for all tests  
The Cochran-Armitage and Fishers exact tests compare directly the overall incidence rates.

\*\*\* END OF REPORT \*\*\*