BMDS Wizard Output Report

**Filename:** C:\USEPA\BMDS260\Wizard\BMDS Wizard v1.10-dichotomous.xlsm

**Prepared on:** 1/18/2016 9:34:46 PM

[1.1. BMDS Summary of Male Rat CAI (Cedarwood Oil) 2](#_Toc440916232)

|  |  |  |  |
| --- | --- | --- | --- |
| **BMDS Wizard Bin Placement** | **BMDS Wizard Recommendation** | **BMDS Wizard Recommendation Notes** | **Include in Summary Table?** |
| Viable | Alternate |  | Include |
| Viable | Alternate |  | Include |
| Viable | Alternate |  | Include |
| Viable | Alternate |  | Include |
| Viable | Alternate |  | Include |
| Viable | Alternate |  | Include |
| Viable | Alternate |  | Include |
| Viable | Alternate | BMDL 3x lower than lowest non-zero dose | Include |
| Viable | Alternate | BMDL 3x lower than lowest non-zero dose | Include |
| Viable | Alternate | Lowest AIC | Include |
| Viable | Recommended (lowest BMDL) | Lowest BMDL  BMD 3x lower than lowest non-zero dose  BMDL 3x lower than lowest non-zero dose | Include |

## BMDS Summary of Male Rat CAI (Cedarwood Oil)

Table 1. Summary of BMD Modeling Results for CO- Male Rat Chronic Active Inflammation

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Modela | Goodness of fit | | BMD10Pct  () | BMDL10Pct  () | Basis for model selection |
| *p*-value | AIC |
| Gamma | 1.000 | 30.523 | 6.54 | 3.08 |  |
| Dichotomous-Hill  LogLogistic | 0.987 | 30.911 | 6.99 | 4.07 |
| Logistic | 0.980 | 31.121 | 7.03 | 4.40 |
| Probit | 0.989 | 30.920 | 6.73 | 4.17 |
| LogProbit | 0.991 | 30.797 | 6.80 | 4.06 |
| Weibull | 1.000 | 30.466 | 6.16 | 2.82 |
| Multistage 4° | 1.000 | 32.474 | 6.03 | 1.94 |
| Multistage 3° | 1.000 | 30.473 | 6.04 | 2.04 |
| Multistage 2° | 1.000 | 28.569 | 5.55 | 2.27 |
| Quantal-Linear | 0.528 | 33.802 | 1.78 | 1.22 |
| a No model was selected as a best-fitting model. | | | | | |