

Experiment Number: **G08013B**

Test Type: **Genetic Toxicology - Micronucleus**

Route: **Whole Body Exposure**

Species/Strain: **Rat/Harlan Sprague Dawley**

G04: In Vivo Micronucleus Summary Data

Test Compound: **Cell Phone Radiation: GSM**

CAS Number: **CELLPRADGSM**

Date Report Requested: **09/23/2018**

Time Report Requested: **14:00:52**

NTP Study Number:

G08013B

Study Duration:

94 Days

Study Methodology:

Flow Cytometry

Male Study Result:

Negative

Female Study Result:

Negative

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Date Report Requested: 09/23/2018
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Tissue: Blood; Sex: Male; Number of Treatments: 94; Time interval between final treatment and cell sampling: 1 h

Dose (w/kg)	N	MN PCE/1000		N	MN NCE/1000		% PCE	
		Mean ± SEM	p-Value		Mean ± SEM	p-Value	Mean ± SEM	p-Value
Vehicle Control ¹	5	0.840 ± 0.097		5	0.334 ± 0.109		0.946 ± 0.051	
1.5	5	0.610 ± 0.109	0.9196	5	0.143 ± 0.036	1.0000	1.032 ± 0.030	0.3522
3.0	5	0.600 ± 0.106	0.9606	5	0.079 ± 0.015	1.0000	1.000 ± 0.062	0.4253
6.0	5	0.490 ± 0.078	0.9721	5	0.130 ± 0.021	1.0000	1.082 ± 0.058	0.1141
Trend p-Value		0.9854			0.9108		0.1228	

Trial Summary: Negative

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Tissue: Blood; Sex: Female; Number of Treatments: 94; Time interval between final treatment and cell sampling: 1 h

Dose (w/kg)	N	MN PCE/1000		N	MN NCE/1000		% PCE	
		Mean ± SEM	p-Value		Mean ± SEM	p-Value	Mean ± SEM	p-Value
Vehicle Control ¹	5	0.620 ± 0.073		5	0.131 ± 0.044		0.659 ± 0.078	
1.5	5	0.610 ± 0.104	0.5195	5	0.202 ± 0.039	0.3773	0.764 ± 0.073	0.3764
3.0	5	0.700 ± 0.084	0.4949	5	0.110 ± 0.015	0.4469	0.737 ± 0.092	0.4553
6.0	5	0.590 ± 0.066	0.5252	5	0.127 ± 0.029	0.4763	0.992 ± 0.033	0.0103 *
Trend p-Value		0.5656			0.7373		0.0081 *	

Trial Summary: Negative

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LEGEND

MN = micronucleated, PCE = polychromatic erythrocyte, NCE = normochromatic erythrocyte

CAS Number = Chemical Abstracts Service registry number

N = Number of subjects

Values given as Mean or Mean \pm Standard Error Mean

Pairwise comparison with the control group; values are significant at $P \leq 0.025$ by Williams or Dunn's test

Dose-related trend; significant at $P \leq 0.025$ by linear regression or Jonckheere's test

* Statistically significant pairwise or trend test

1: Vehicle Control: Air

**** END OF REPORT ****