

Experiment Number: **G91069**
Test Type: **Genetic Toxicology - Micronucleus**
Route: **Gavage**
Species/Strain: **Rat/Harlan Sprague Dawley**

G04: In Vivo Micronucleus Summary Data

Test Compound: **Wyeth 14,643 (WY)**
CAS Number: **50892-23-4**

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

Time Report Requested: **16:12:59**

NTP Study Number:	G91069
Study Duration:	28 Days
Study Methodology:	Flow Cytometry
Male Study Result:	Negative
Female Study Result:	Negative

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Tissue: Blood; Sex: Male; Number of Treatments: 28; Time interval between final treatment and cell sampling: 24 h

Dose (mg/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	0.510 ± 0.090		5	0.079 ± 0.013		0.974 ± 0.053	
6.25	5	0.800 ± 0.063	0.0546	5	0.161 ± 0.035	0.1308	0.759 ± 0.022	1.0000
12.5	5	0.860 ± 0.202	0.0503	5	0.291 ± 0.129	0.0323	1.175 ± 0.146	0.2362
25.0	5	0.790 ± 0.075	0.0525	5	0.120 ± 0.026	0.4647	1.083 ± 0.068	0.2490
Trend p-Value		0.0957			0.1263		0.1101	

Trial Summary: **Negative**

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Tissue: Blood; Sex: Female; Number of Treatments: 28; Time interval between final treatment and cell sampling: 24 h

Dose (mg/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	0.470 ± 0.090		5	0.036 ± 0.004		1.104 ± 0.089	
6.25	5	0.730 ± 0.132	0.1050	5	0.057 ± 0.006	0.0557	0.950 ± 0.086	1.0000
12.5	5	0.577 ± 0.073	0.1273	5	0.044 ± 0.010	0.8895	1.289 ± 0.072	0.1870
25.0	5	0.616 ± 0.059	0.1350	5	0.040 ± 0.005	0.9457	1.401 ± 0.112	0.0525
Trend p-Value		0.2918			0.4465		0.0134 *	

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: Deionized Water with 2% Tween 80

**** END OF REPORT ****