

## ANALYSIS OF G08022 ASPERGILLUS MICRONUCLEUS DATA

### Male Mice

#### HI Particle Control vs. Air Control

Dose	PCE Rate				NCE Rate				PCE/NCE Ratio (%)			
	Mean	Std Err	P Value	Test Used	Mean	Std Err	P Value	Test Used	Mean	Std Err	P Value	Test Used
Air Control	2.699	0.219			1.463	0.052			1.550	0.063		
HI Particle Control	2.390	0.080	0.565	Dunn	1.395	0.028	0.966	Dunn	1.623	0.057	0.867	Dunn

#### Test Article vs. Air Control

Dose	PCE Rate				NCE Rate				PCE/NCE Ratio (%)			
	Mean	Std Err	P Value	Test Used	Mean	Std Err	P Value	Test Used	Mean	Std Err	P Value	Test Used
Air Control	2.699	0.219			1.463	0.052			1.550	0.063		
Test Article	2.550	0.154	1.000	Dunn	1.379	0.025	0.537	Dunn	1.587	0.049	1.000	Dunn

#### Test Article vs. HI Particle Control

Dose	PCE Rate				NCE Rate				PCE/NCE Ratio (%)			
	Mean	Std Err	P Value	Test Used	Mean	Std Err	P Value	Test Used	Mean	Std Err	P Value	Test Used
HI Particle Control	2.390	0.080			1.395	0.028			1.623	0.057		
Test Article	2.550	0.154	1.000	Dunn	1.379	0.025	1.000	Dunn	1.587	0.049	1.000	Dunn

#### Notes:

- 1) Pairwise p-values are calculated using two-sided Dunn's tests, which compare all dose groups simultaneously. P-values for PCE/NCE Ratio are calculated using the log-transformed ratio values.
- 2) N=5 for all dose groups.

## ANALYSIS OF G08022 ASPERGILLUS MICRONUCLEUS DATA

### Female Mice

#### HI Particle Control vs. Air Control

Dose	PCE Rate				NCE Rate				PCE/NCE Ratio (%)			
	Mean	Std Err	P Value	Test Used	Mean	Std Err	P Value	Test Used	Mean	Std Err	P Value	Test Used
Air Control	1.730	0.080			0.931	0.014			1.614	0.100		
HI Particle Control	1.960	0.206	0.323	Dunn	0.959	0.032	1.000	Dunn	1.883	0.273	0.135	Dunn

#### Test Article vs. Air Control

Dose	PCE Rate				NCE Rate				PCE/NCE Ratio (%)			
	Mean	Std Err	P Value	Test Used	Mean	Std Err	P Value	Test Used	Mean	Std Err	P Value	Test Used
Air Control	1.730	0.080			0.931	0.014			1.614	0.100		
Test Article	1.684	0.108	1.000	Dunn	0.903	0.021	0.387	Dunn	1.864	0.122	0.206	Dunn

#### Test Article vs. HI Particle Control

Dose	PCE Rate				NCE Rate				PCE/NCE Ratio (%)			
	Mean	Std Err	P Value	Test Used	Mean	Std Err	P Value	Test Used	Mean	Std Err	P Value	Test Used
HI Particle Control	1.960	0.206			0.959	0.032			1.883	0.273		
Test Article	1.684	0.108	0.343	Dunn	0.903	0.021	0.344	Dunn	1.864	0.122	1.000	Dunn

#### Notes:

- 1) Pairwise p-values are calculated using two-sided Dunn's tests, which compare all dose groups simultaneously. P-values for PCE/NCE Ratio are calculated using the log-transformed ratio values.
- 1) N=5 for all dose groups.