G04: In Vivo Micronucleus Summary Data
Test Compound: 17beta-Estradiol
CAS Number: 50-28-2

NTP Study Number: A55232
Study Duration: 30 Hours
Study Methodology: Slide Scoring
Male Study Result: Negative
<table>
<thead>
<tr>
<th>Dose (mg/kg)</th>
<th>N</th>
<th>Mean ± SEM</th>
<th>p-Value</th>
<th>Mean ± SEM</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vehicle Control</td>
<td>5</td>
<td>1.60 ± 0.29</td>
<td>0.8322</td>
<td>56.00 ± 3.22</td>
</tr>
<tr>
<td>0.1</td>
<td>5</td>
<td>1.10 ± 0.19</td>
<td>0.1309</td>
<td>60.20 ± 3.07</td>
</tr>
<tr>
<td>1.0</td>
<td>5</td>
<td>2.30 ± 0.20</td>
<td>0.3059</td>
<td>53.30 ± 5.25</td>
</tr>
<tr>
<td>10.0</td>
<td>5</td>
<td>1.90 ± 0.19</td>
<td></td>
<td>63.00 ± 1.18</td>
</tr>
</tbody>
</table>

Trend p-Value

Positive Control | 5  | 13.70 ± 2.09 | < 0.001 * | 61.00 ± 1.75 |

Trial Summary: Negative
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 ± Standard Error Mean
Results were tabulated as the mean of the pooled results from all animals within a treatment group, plus or minus the standard error of the mean.
Pairwise comparison to the concurrent control, dosed groups significant at p = 0.025/number of treatment groups; positive control value is significant at p = 0.05
Cochran-Armitage trend test, significant at p = 0.025
* Statistically significant pairwise or trend test
1: Vehicle Control: Dimethyl Sulfoxide
2: 15.0 mg/kg Cyclophosphamide

** END OF REPORT **