BMDS Wizard Output Report

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

**Prepared on:** 1/19/2016 9:04:26 AM

[1.1. BMDS Summary of Female Rat Hyperplasia Epidermis (Cedarwood Oil) 2](#_Toc440957613)

| **Model Warnings** | **BMDS Wizard Bin Placement** | **BMDS Wizard Recommendation** | **BMDS Wizard Recommendation Notes** | **Include in Summary Table?** |
| --- | --- | --- | --- | --- |
| None | Viable | Alternate | BMDL 3x lower than lowest non-zero dose | Include |
| None | Viable | Alternate | BMDL 3x lower than lowest non-zero dose | Include |
| None | Viable | Alternate |   | Include |
| None | Viable | Alternate | BMDL 3x lower than lowest non-zero dose | Include |
| None | Viable | Alternate | BMDL 3x lower than lowest non-zero dose | Include |
| None | Viable | Alternate | BMDL 3x lower than lowest non-zero dose | Include |
| None | Viable | Alternate | BMDL 3x lower than lowest non-zero dose | Include |
| None | Viable | Alternate | BMD 3x lower than lowest non-zero doseBMDL 3x lower than lowest non-zero dose | Include |
| None | Viable | Alternate | BMD 3x lower than lowest non-zero doseBMDL 3x lower than lowest non-zero dose | Include |
| None | Viable | Alternate | BMDL 3x lower than lowest non-zero dose | Include |
| None | Viable | Recommended (lowest BMDL) | Lowest BMDLLowest AICBMD 3x lower than lowest non-zero doseBMDL 3x lower than lowest non-zero dose | Include |

## BMDS Summary of Female Rat Hyperplasia Epidermis (Cedarwood Oil)

Table 1. Summary of BMD Modeling Results for CO- Female Rat Hyperplasia Epidermis

| Modela | Goodness of fit | BMD10Pct () | BMDL10Pct () | Basis for model selection |
| --- | --- | --- | --- | --- |
| *p*-value | AIC |
| Gamma | 0.976 | 30.328 | 2.93 | 0.720 |  |
| Dichotomous-HillLogLogistic | 0.902 | 31.103 | 3.56 | 1.26 |
| Logistic | 0.849 | 31.548 | 3.56 | 2.11 |
| Probit | 0.893 | 31.137 | 3.39 | 2.04 |
| LogProbit | 0.943 | 30.694 | 3.60 | 1.22 |
| Weibull | 0.986 | 30.141 | 2.64 | 0.734 |
| Multistage 4° | 1.000 | 29.715 | 1.40 | 0.753 |
| Multistage 3° | 0.999 | 29.825 | 1.59 | 0.757 |
| Multistage 2° | 0.992 | 30.041 | 2.12 | 0.742 |
| Quantal-Linear | 0.944 | 29.574 | 0.964 | 0.649 |
| a No model was selected as a best-fitting model. |