BMDS Wizard Output Report

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

**Prepared on:** 1/19/2016 8:49:38 AM

[1.1. BMDS Summary of Male Rat Hyperplasia Hyperkeratosis Epidermis (Cedarwood Oil) 2](#_Toc440956724)

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

## BMDS Summary of Male Rat Hyperplasia Hyperkeratosis Epidermis (Cedarwood Oil)

Table 1. Summary of BMD Modeling Results for CO- Male Rat Hyperkeratosis Epidermis

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Modela | Goodness of fit | | BMD10Pct  () | BMDL10Pct  () | Basis for model selection |
| *p*-value | AIC |
| Gamma | 1.000 | 22.807 | 12.8 | 8.31 |  |
| Dichotomous-Hill  LogLogistic | 0.993 | 23.114 | 13.1 | 8.84 |
| Logistic | 0.991 | 23.161 | 13.8 | 8.99 |
| Probit | 0.998 | 22.954 | 13.3 | 8.51 |
| LogProbit | 0.999 | 22.884 | 12.8 | 8.80 |
| Weibull | 0.999 | 22.876 | 13.0 | 7.77 |
| Multistage 4° | 0.999 | 22.890 | 13.1 | 6.65 |
| Multistage 3° | 0.998 | 21.192 | 11.4 | 6.70 |
| Multistage 2° | 0.865 | 23.556 | 8.18 | 5.28 |
| Quantal-Linear | 0.143 | 33.478 | 2.82 | 1.94 |
| a No model was selected as a best-fitting model. | | | | | |