BMDS Wizard Output Report

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

**Prepared on:** 1/19/2016 9:15:00 AM

[1.1. BMDS Summary of Female Rat Hyperkeratosis Epidermis (Cedarwood Oil) 2](#_Toc440958247)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **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 | BMDL 3x lower than lowest non-zero dose | Include |
| None | Viable | Alternate |  | Include |
| None | Viable | Alternate | Lowest AIC | Include |
| None | Viable | Recommended (lowest BMDL) | Lowest BMDL  BMD 3x lower than lowest non-zero dose  BMDL 3x lower than lowest non-zero dose | Include |

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

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

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Modela | Goodness of fit | | BMD10Pct  () | BMDL10Pct  () | Basis for model selection |
| *p*-value | AIC |
| Gamma | 0.983 | 24.905 | 6.75 | 3.78 |  |
| Dichotomous-Hill  LogLogistic | 0.930 | 25.550 | 7.05 | 4.38 |
| Logistic | 0.995 | 24.686 | 7.10 | 4.29 |
| Probit | 0.999 | 24.498 | 6.70 | 3.95 |
| LogProbit | 0.947 | 25.359 | 6.81 | 4.37 |
| Weibull | 1.000 | 24.455 | 6.59 | 3.53 |
| Multistage 4° | 1.000 | 26.368 | 6.26 | 1.96 |
| Multistage 3° | 1.000 | 24.447 | 6.38 | 2.25 |
| Multistage 2° | 0.967 | 23.807 | 4.60 | 2.28 |
| Quantal-Linear | 0.347 | 30.531 | 1.47 | 0.997 |
| a No model was selected as a best-fitting model. | | | | | |