ToxGenie Definitive Test Concentration Setting Report

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Study Title:	**Definitive Test Concentrations Setting for Zebrafish (Danio rerio) Acute Toxicity Test**

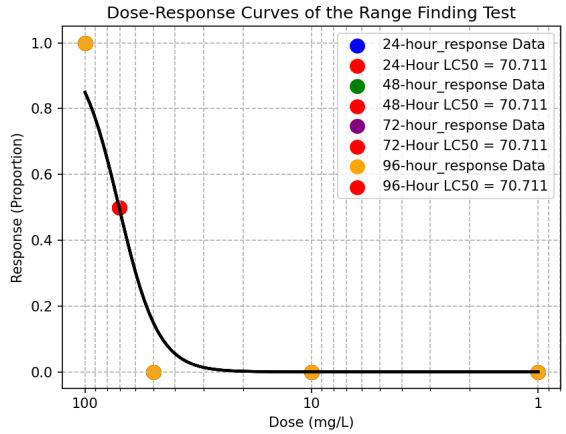
Study No.:	Test-1234	**Test Material:**	Test Chemical
Test Species:	Zebrafish (Danio rerio)	**Exposure Time:**	96-hours

Table 1. Data Summary for the range-finding test

(Unit: mg/L)

Dose	Replicate No.	No. Exposed	3-hour	24-hour	48-hour	72-hour	96-hour
1	1	3	0	0	0	0	0
10	1	3	0	0	0	0	0
50	1	3	0	0	0	0	0
100	1	3	0	3	3	3	3

Fig. 1. Dose-response curves and predicted acute test concentrations.



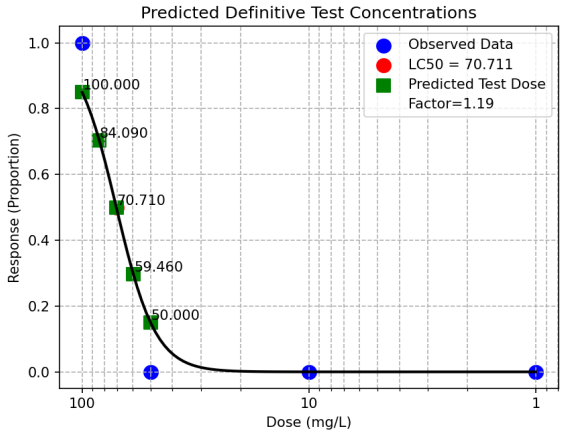


Table 2. The Predicted acute definitive test concentrations according to factor

Dose	Factor 1.09	Factor 1.19	Factor 1.29
1	59.602	50.000	42.544
2	64.919	59.460	54.848
3	70.710	70.710	70.710
4	77.018	84.089	91.160
5	83.888	99.999	117.524

Note: The number of decimal places may differ from the numbers shown in the graph.

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