

Table 1: Summary of Results for Chlorinated Benzo-g-Dioxins and Dibenzofurans in Technical 2,4-D Hixbiolides

Analyte	EPA loq <sup>1</sup> (ppb)	2,4-D		
		Total Number of Technicals	Number of Technicals Greater Than loq	Observed Maximum Concentration (ppb)
2,3,7,8-TCDD	0.1	8	2	0.15 <sup>2</sup>
1,2,3,7,8-PCDD	0.5	8	3	2.5 <sup>2</sup>
1,2,3,4,7,8-HxCDD	2.5	8	0	0.81
1,2,3,6,7,8-HxCDD	2.5	8	0	0.77
1,2,3,7,8,9-HxCDD	2.5	8	0	0.65
1,2,3,4,6,7,8-HpCDD	100	8	0	1.8
2,3,7,8-TCDF	1	8	0	0.27
1,2,3,7,8-PCDF	5	8	0	0.62
2,3,4,7,8-PCDF	5	7	0	0.73
1,2,3,4,7,8-HxCDF	25	8	0	1.8
1,2,3,6,7,8-HxCDF	25	8	0	1.2
1,2,3,7,8,9-HxCDF	25	8	0	1.4
2,3,4,6,7,8-HxCDF	25	8	0	1.1
1,2,3,4,6,7,8-HpCDF	1000	8	0	6.3
1,2,3,4,7,8,9-HpCDF	1000	8	0	1.2

<sup>1</sup> Limit of quantitation required by the Agency and a reflection of the level of toxicological concern.

<sup>2</sup> Average 0.07 ppb, where 50% of demonstrated loq used for analytes not found.

<sup>3</sup> Average 0.63 ppb, where 50% of demonstrated loq used for analytes not found.