

Table 1: Summary of Results for Chlorinated Dibenzo-p-Dioxine and Dibenzofurane in Technical 2,4-D Herbicides

| Analyte             | EPA<br>loq <sup>1</sup><br>(ppb) | 2,4-D                            |                                                |                                               |
|---------------------|----------------------------------|----------------------------------|------------------------------------------------|-----------------------------------------------|
|                     |                                  | Total<br>Number of<br>Technicals | Number of<br>Technicals<br>Greater Than<br>loq | Observed<br>Maximum<br>Concentration<br>(ppb) |
| 2,3,7,8-TCDD        | 0.1                              | 8                                | 2                                              | 0.13 <sup>2</sup>                             |
| 1,2,3,7,8-PCDD      | 0.5                              | 8                                | 3                                              | 2.6 <sup>3</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                                              | 0.68                                          |
| 1,2,3,4,6,7,8-HpCDD | 100                              | 8                                | 0                                              | 1.5                                           |
| 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                                              | 1.6                                           |
| 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                                              | 8.3                                           |
| 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.