

Chemical Information:

Name: Chlordecone (Kepone)
 CAS No.: 143-50-0
 Tox21_ID No.: Tox21_201592
 NTP_CID No.: 612

Supplier: Supelco
 Lot No.: LB33236
 MW: 490.64 g/mol

Date of Analysis: 07 February 2008

Purity and Identity Results:

| Peak Identity | Retention Time (min) | Purity (% Total Area) ^a |
|----------------------|----------------------|------------------------------------|
| DMSO | 5.73 | Not applicable |
| Chlordecone (Kepone) | 23.67 | 99.27 |

^a Peaks comprising $\geq 0.5\%$ of total area.

GC/MS Instrument Parameters:

| | |
|-------------------------|--|
| Instrument / Ionization | Gas Chromatograph / Mass Spectrometer / Electron Impact |
| Solvent | Dichloromethane (100 mM in DMSO, diluted 1/1000 with dichloromethane) |
| Column | J&W Scientific HP-5MS, 30 m x 0.25 mm ID, 0.25- μ m film thickness |
| Carrier Gas | Helium at 1.0 mL/min |
| Oven Program | 35°C, hold 2 min; ramp @ 10°C/min to 310°C, hold 2 min |
| Source Temperature | 250°C |
| Auxiliary Temperature | 250°C |
| Scan Range | 35 – 450 amu |
| Injector Temperature | 250°C |
| Injection Volume / Mode | 2 μ L / Splitless |
| Run Time | 31.5 minutes |
| Data Analysis Software | Xcalibur, v 1.2 and NIST Library v 1.7, build 11/5/1999 |

