

### Chemical Information:

Name: 4,7-Methanoisobenzofuran-1,3-dione, 4,5,6,7,8,8-hexachloro-3a,4,7,7a-tetrahydro  
Date of Analysis: 16 April 2010  
CAS No.: 115-27-5 Supplier: Sigma-Aldrich  
Tox21\_ID No.: Tox21\_200439 Lot No.: MKAA0918  
NTP\_CID No.: 2710 MW: 370.83 g/mol

### Purity and Identity Results:

Peak Identity	Retention Time (min)	Purity (% Total Area) <sup>a</sup>	Peak Identity	Retention Time (min)	Purity (% Total Area) <sup>a</sup>
unknown	3.98	1.44	CAS# 115-27-5	20.90	95.68
unknown	19.98	1.87	unknown	21.92	1.02

<sup>a</sup> Peaks comprising ≥ 0.5% of total area.

### GC/MS Instrument Parameters:

Instrument / Ionization	Gas Chromatograph with Mass Spectrometer / Electron Impact
Solvent	Dichloromethane
Column	J&W Scientific HP-5MS, 30 m x 0.25 mm ID, 0.25-μm 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 7 min
Source Temperature	250°C
Auxiliary Temperature	250°C
Scan Range	25 – 500 amu
Injector Temperature	250°C
Injection Volume / Mode	1 μL / Split (100:1)
Data Analysis Software	Xcalibur v 1.2, and NIST Library v 2.0f, build 10/08/2008

