

Chemical Information:

Name: Iodoform
CAS No.: 75-47-8
Tox21_ID No.: Tox 21_202389
NTP_CID No.: 870

Supplier: Sigma-Aldrich
Lot No.: 1419431
MW: 393.73 g/mol

Date of Analysis: 27 January 2010

Purity and Identity Results:

Peak Identity	Retention Time (min)	Purity (% Total Area) ^a
Dichloro(iodo)methane	5.59	5.64
unknown	5.69	0.78
unknown	7.27	1.52
Iodoform	12.87	92.06

^a 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	230°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	MSD Chemstation, v E.02.00.SP2 and NIST Library v 2.0f, build 10/8/2008

