

Chemical Information:

Name: Tribromomethane
CAS No.: 75-25-2
Tox21_ID No.: Tox21_200189
NTP_CID No.: 571

Supplier: Sigma-Aldrich
Lot No.: 12312KC
MW: 252.73 g/mol

Date of Analysis: 19 April 2007

Purity and Identity Results:

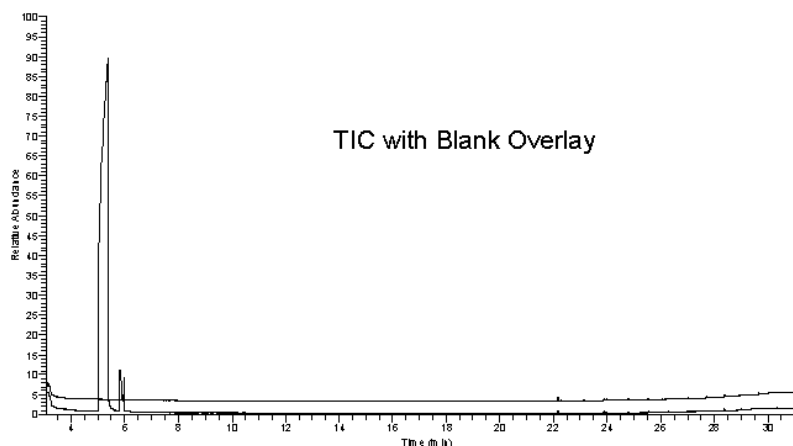
Peak Identity	Retention Time (min)	Purity (% Total Area) ^a
DMSO	5.38	Not applicable
Tribromomethane	5.81	100.00

^a Peaks comprising ≥ 0.5% of total area.

GC/MS Instrument Parameters:

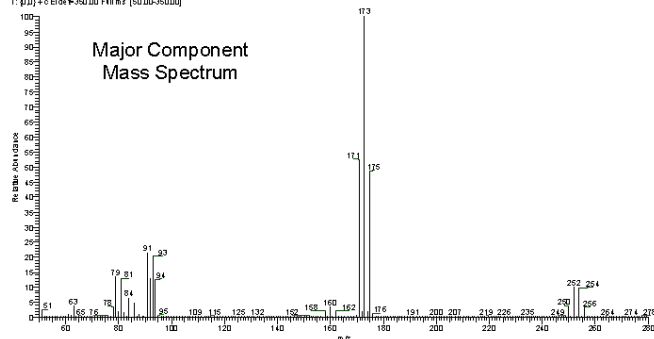
Instrument / Ionization	ThermoFinnigan TraceGC with ThermoFinnigan TraceMS / Electron Impact
Solvent	Dichloromethane (100 mM in DMSO, diluted 1/1000 with dichloromethane)
Column	J&W Scientific HP-5MS, 30 m x 0.25 mm ID, 0.25-μm film thickness
Carrier Gas	Helium at 1.0 mL/min
Oven Program	35°C, hold 2 min; ramp @ 10°C/min to 310°C, hold 2 min
Source Temperature	250°C
Auxiliary Temperature	250°C
Scan Range	50 – 350 amu
Injector Temperature	250°C
Injection Volume / Mode	2 μL / Splitless
Run Time	31.5 minutes
Data Analysis Software	Xcalibur, v 1.2 and NIST Library v 1.7, build 11/5/1999

RT: 3.05-31.48 SM: 30



TIC with Blank Overlay

0719106 K337 RT: 5.81 AU: 1 NL: 6.1285
T: (P.D) +0.00 Eide +300.00 F48 Ref [50.00-350.00]



Major Component
Mass Spectrum

NIST Reference Mass Spectrum

