

Chemical Information:

Name: Triallyl isocyanurate
CAS No.: 1025-15-6
Tox21_ID No.: Tox21_200270
NTP_CID No.: 1362

Supplier: Sigma-Aldrich
Lot No.: 1107798
MW: 249.27 g/mol

Date of Analysis: 18 April 2007

Purity and Identity Results:

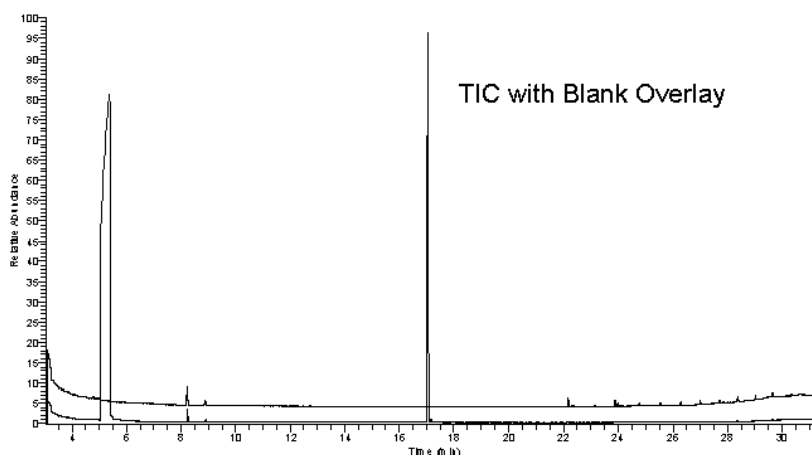
Peak Identity	Retention Time (min)	Purity (% Total Area) ^a
DMSO	5.38	Not applicable
Triallyl isocyanurate	17.04	99.37
unknown	17.15	0.63

^a Peaks comprising ≥ 0.5% of total area.

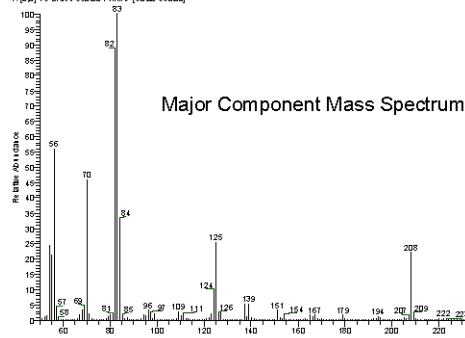
GC/MS Instrument Parameters:

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 – 250 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

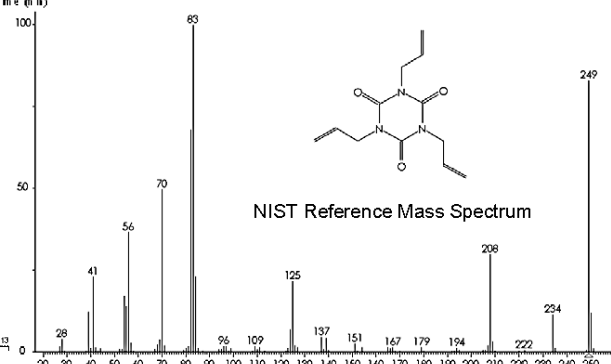
RT: 3.05 - 31.50 SM: 3G



0101805 #1654 RT: 17.04 AU: 1 NL: 3.14E6
T: (D.D) +c Elute 350.00 P/min x (50.00-350.00)



Major Component Mass Spectrum



NIST Reference Mass Spectrum