

Chemical Information:

Name: 3-(Methylthio)propanol
 CAS No.: 3268-49-3
 Tox21_ID No.: Tox21_201978
 NTP_CID No.: 288

Date of Analysis: 03 February 2010

Supplier: Sigma Aldrich
 Lot No.: 04124BE
 MW: 104.17 g/mol

Purity and Identity Results:

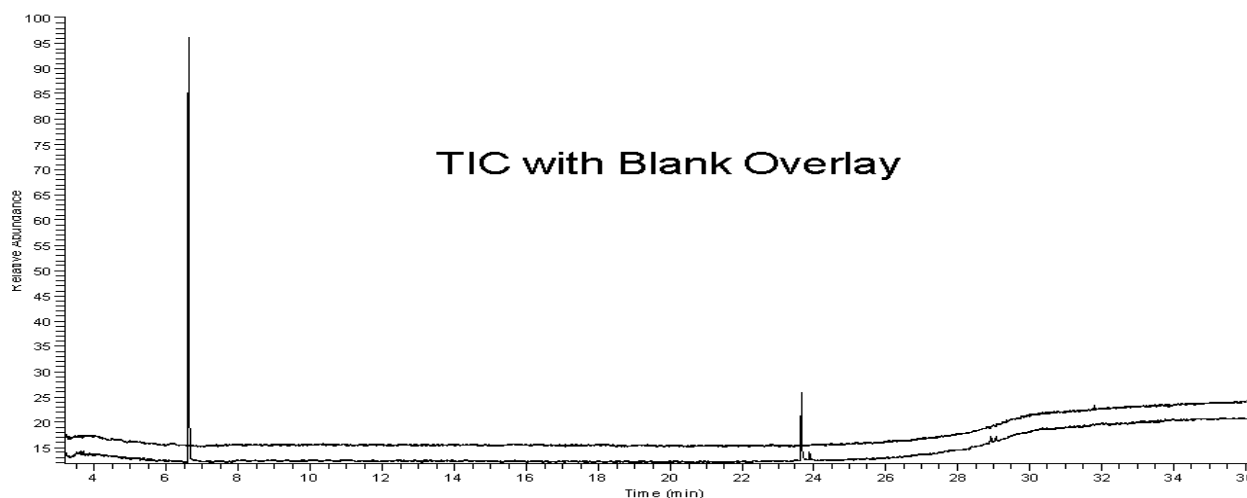
Peak Identity	Retention Time (min)	Purity (% Total Area) ^a
3-(Methylthio)propanol	6.61	82.45
Possible dimer ^b	23.66	17.55

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

^b Spectrum is similar to target compound, with a cluster of ions around m/z 208.

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- 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 7 min
Source Temperature	250°C
Auxiliary Temperature	250°C
Scan Range	25 – 500 amu
Injector Temperature	250°C
Injection Volume / Mode	1 μ L / Split (100:1)
Data Analysis Software	Xcalibur, v 1.2 and NIST Library v 2.0f, build 10/08/2008



10803731 #420 RT: 6.61 AU: 1.52E6
 T: (0.0) - c61d6e-250.00 Full.ms [25.00-00.00]

