

Chemical Information:

Name:	2,5-Dimethyl-2,5-hexanediol		
CAS No.:	110-03-2	Supplier:	Sigma-Aldrich
Tox21_ID No.:	Tox21_200281	Lot No.:	09423DH
NTP CID No.:	186	MW:	146.23 g/mol

Date of Analysis: 21 May 2009

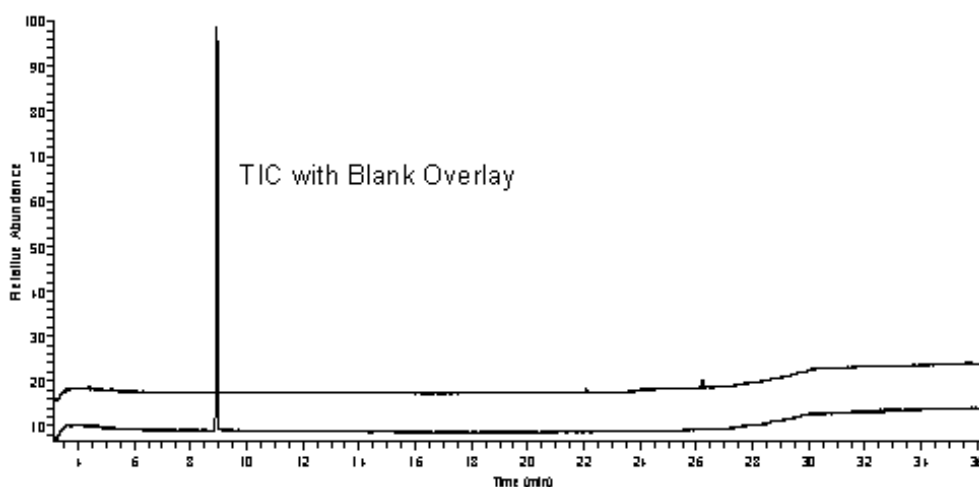
Purity and Identity Results:

Peak Identity	Retention Time (min)	Purity (% Total Area) ^a
2,5-Dimethyl-2,5-hexanediol	8.94	100.00

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

GC/MS Instrument Parameters:

Instrument / Ionization	Gas Chromatograph with Mass Spectrometer / Electron Impact
Solvent	Acetone
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)
Run Time	36.5 minutes
Data Analysis Software	Xcalibur, v 1.2 and NIST Library v 2.0, build 7/23/2008



De: 2111 (0.687) R T: 0.289 Axi: 58:2 0.06, 0.90 NL: 1.1356
T: 40 D: + c E (de) = 350.00 Full ms (25.00-500.00)

