

Chemical Information:

Name: (E)-1,4-Dibromo-2-butene
CAS No.: 821-06-7 Supplier: Sigma-Aldrich
Tox21_ID No.: Tox21_202728 Lot No.: 08727JE
NTP_CID No.: 2 MW: 213.90 g/mol

Date of Analysis: 03 February 2010

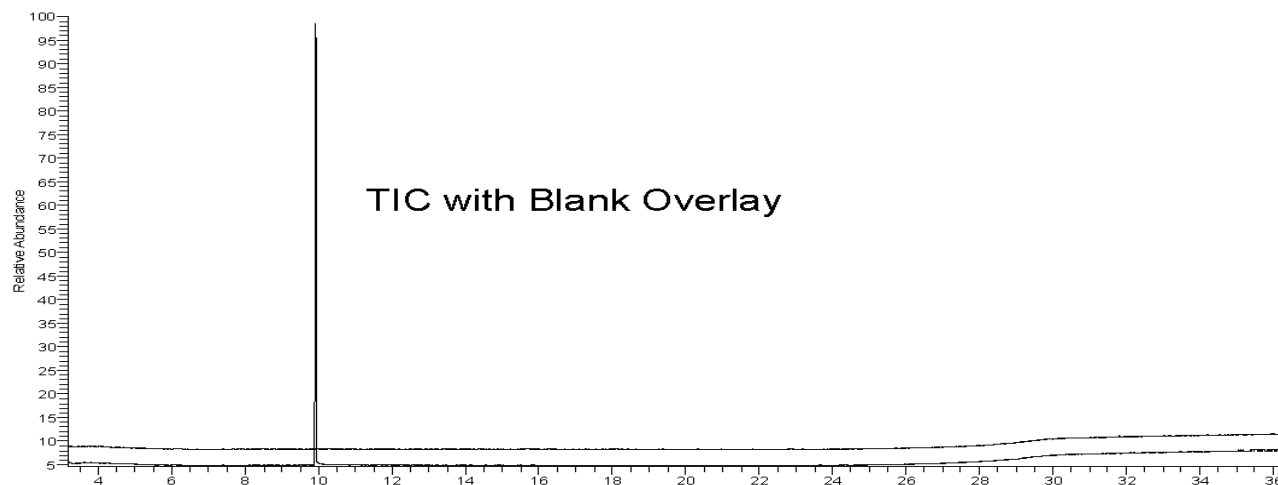
Purity and Identity Results:

Peak Identity	Retention Time (min)	Purity (% Total Area) ^a
(E)-1,4-Dibromo-2-butene	9.93	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	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



10002727.M05 RT: 9.93 AU: 1 SB: 2 9.00, 10.00 NL: 3.00E5
T: 10.00 e EI 250-500.00 Full ms (25.00-500.00)

