

Chemical Information:

Name: Stannane, dibutyldichloro-
CAS No.: 683-18-1 Supplier: Sigma-Aldrich
Tox21_ID No.: Tox21_201675 Lot No.: 1114783
NTP_CID No.: 2886 MW: 303.85 g/mol

Date of Analysis: 23 December 2009

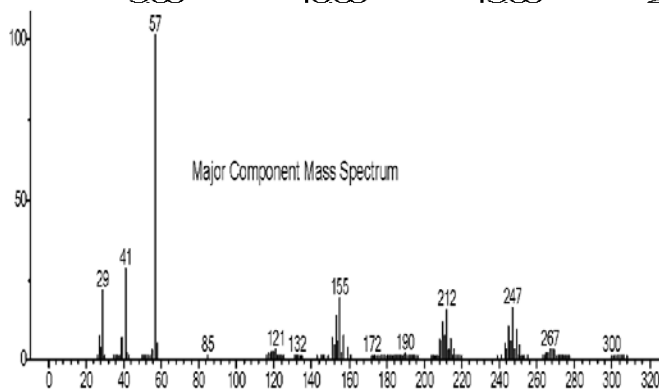
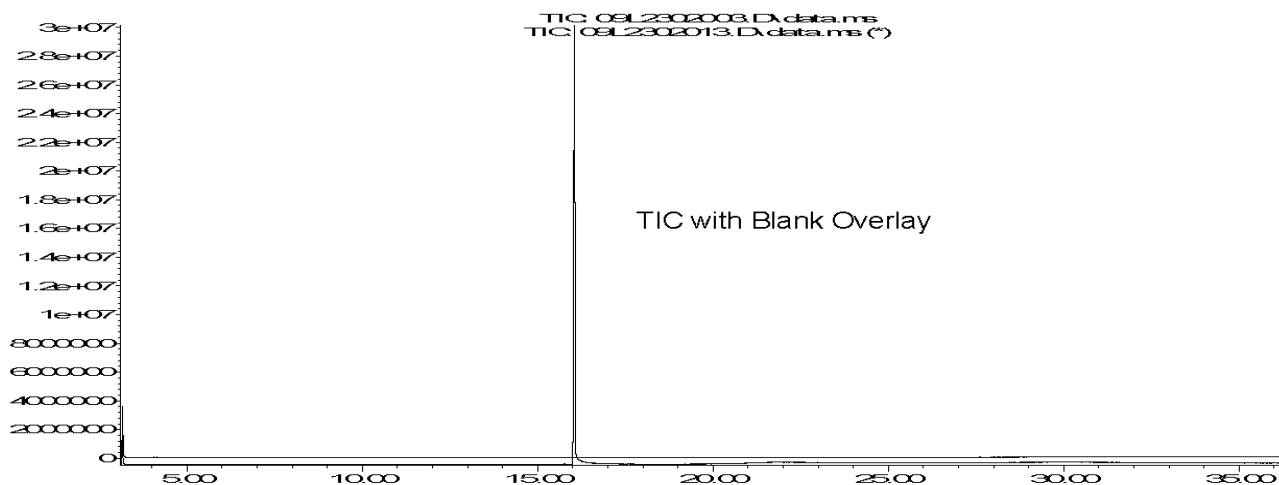
Purity and Identity Results:

Peak Identity	Retention Time (min)	Purity (% Total Area) ^a
Stannane, dibutyldichloro-	16.05	99.67

^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	230°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	MSD Chemstation, v D.03.00.SP1 and NIST Library v 2.0f, build 10/8/2008



m/z	Molecule / Fragment
304	C ₈ H ₁₈ Cl ₂ Sn
247	C ₄ H ₉ Cl ₂ Sn
212	C ₄ H ₉ ClSn
190	Cl ₂ Sn
155	ClSn
57	C ₄ H ₉
29	C ₂ H ₅

