

### Chemical Information:

Name: 2-Propenoic acid, 2-methyl-, 2-(diethylamino)ethyl ester  
CAS No.: 105-16-8 Supplier: Sigma-Aldrich  
Tox21\_ID No.: Tox21\_200763 Lot No.: 07316AJ  
NTP\_CID No.: 2621 MW: 185.26 g/mol

Date of Analysis: 16 April 2010

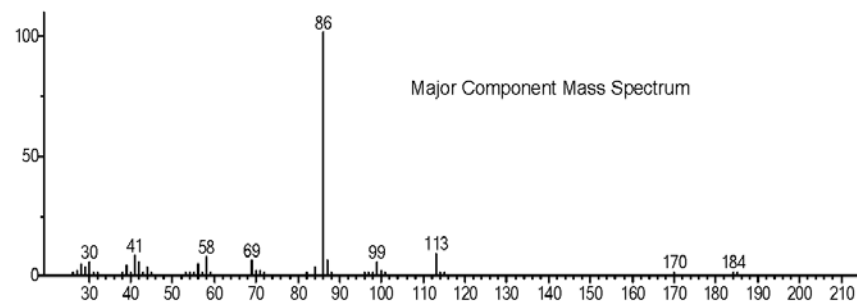
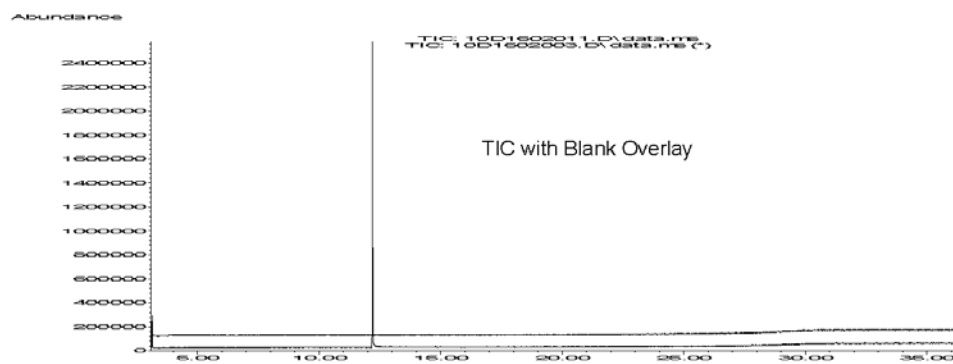
### Purity and Identity Results:

Peak Identity	Retention Time (min)	Purity (% Total Area) <sup>a</sup>
2-Propenoic acid, 2-methyl-, 2-(diethylamino)ethyl ester	12.20	100.00

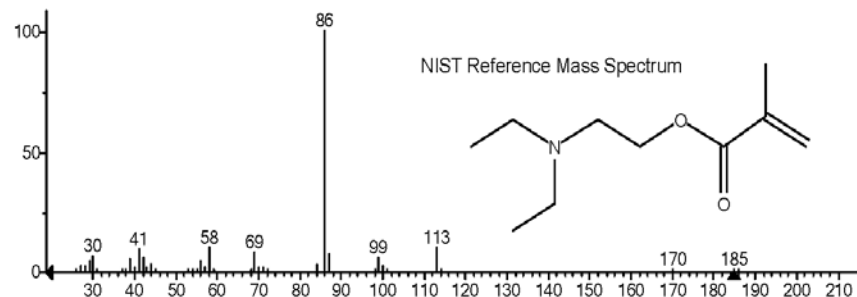
<sup>a</sup> Peaks comprising  $\geq 0.5\%$  of total area.

### GC/MS Instrument Parameters:

Instrument / Ionization	Gas Chromatograph with Mass Spectrometer / Electron Impact
Solvent	Dichloromethane (~ 1 mg/mL)
Column	J&W Scientific HP-5MS, 30 m x 0.25 mm ID, 0.25- $\mu$ 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 $\mu$ L / Split (100:1)
Data Analysis Software	MSD ChemStation v E.02.00.SP2, and NIST Library v 2.0, build 7/23/2008



(Text File) Scan 1671 (12.203 min): 10D1602011.D\data.ms



(mainlib) 2-Propenoic acid, 2-methyl-, 2-(diethylamino)ethyl ester