

Chemical Information:

Name: Methoxyacetic acid

Date of Analysis: 01 July 2009

CAS No.: 625-45-6

Supplier: Sigma-Aldrich

Tox21_ID No.: Tox21_201571

Lot No.: 14929ER

NTP_CID No.: 942

MW: 90.08 g/mol

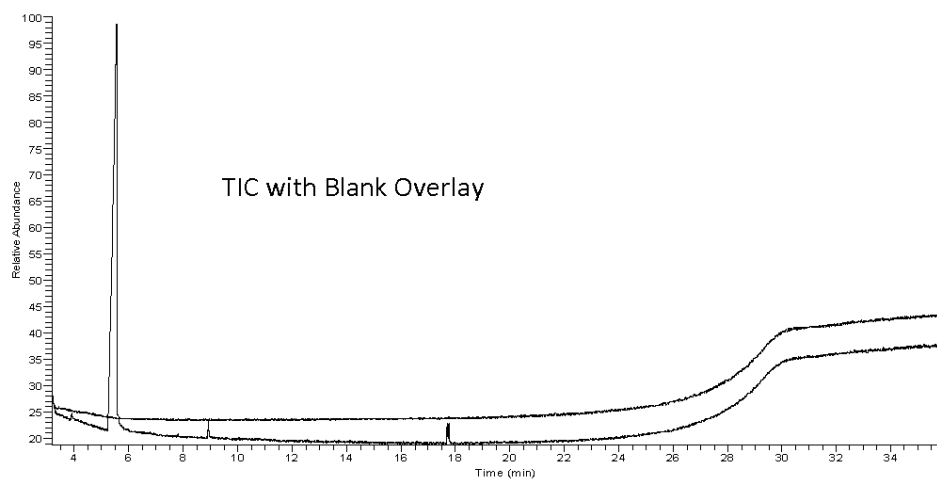
Purity and Identity Results:

Peak Identity	Retention Time (min)	Purity (% Total Area) ^a
Methoxyacetic acid	5.54	99.21
unknown	8.91	0.79

^a Peaks comprising ≥ 0.5% of total area.

GC/MS Instrument Parameters:

Instrument / Ionization	Gas Chromatograph with Mass Spectrometer / Electron Impact
Solvent	Ethanol (~ 1 mg/mL)
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 ver 1.2 and NIST Library ver 2.0f, build 10/8/2008


00001715 #283 RT: 5.42 AU: 1 SB: 4 S: 19-5:20, 5:56-5:56 NL: 1.14E5
T: (0.0) + c: (0.000-100.000) Full ms (25.00-500.00)
