

Chemical Information:

Name: 3-Chloropropanoic acid
CAS No.: 107-94-8 Supplier: Sigma-Aldrich
Tox21_ID No.: Tox21_201185 Lot No.: S34284
NTP_CID No.: 4961 MW: 108.52 g/mol

Date of Analysis: 30 June 2009

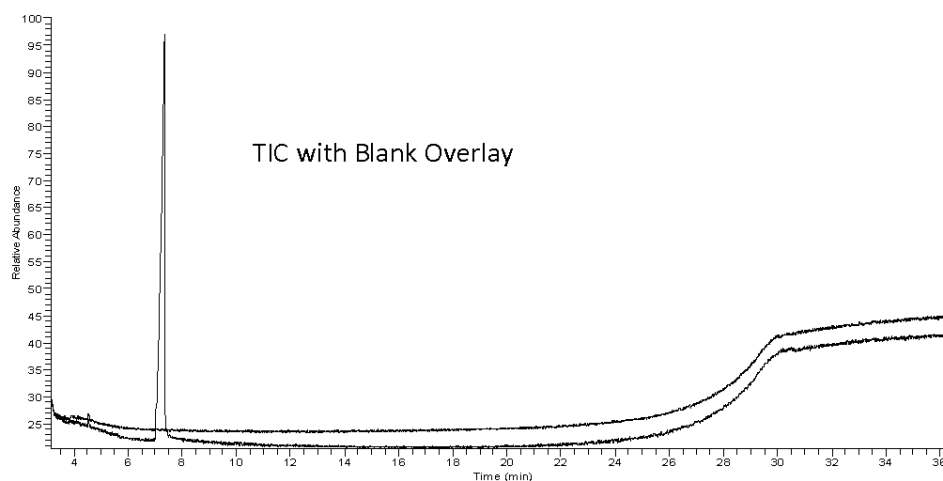
Purity and Identity Results:

Peak Identity	Retention Time (min)	Purity (% Total Area) ^a
3-Chloropropanoic acid	7.35	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	Chloroform (~ 1 mg/mL)
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)
Run Time	36.5 minutes
Data Analysis Software	Xcalibur ver 1.2 and NIST Library ver 2.0f, build 10/8/2008



00F-20709 #478 RT: 7.37 AU: 1 SB: 8.555-8.55, 7.48-7.52 NL: 1.1285
T: (2.0) * + (8) exp(555.00 full.ms) [25.000-500.000]

