

Chemical Information:

Name: 2,2-Dichloroacetamide
CAS No.: 683-72-7
Tox21_ID No.: Tox21_200050
NTP_CID No.: 4967

Date of Analysis: 26 May 2015

Supplier: Sigma-Aldrich
Lot No.: 04810JZ
MW: 127.96 g/mol

Purity and Identity Results:

Peak Identity	Retention Time (min)	Purity (% Total Area) ^a
Ethanol	1.50	Not Applicable
2,2-Dichloroacetamide	9.89	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	Ethanol (~0.4 mg/mL)
Column	Rxi-5Sil MS, 30 m x 0.25 mm ID, 0.50- μ m film thickness
Carrier Gas	Helium at 1.5 mL/min
Oven Program	50°C, hold 0 min; ramp @ 5°C/min to 315°C, hold 5 min
Source Temperature	230°C
Auxiliary Temperature	250°C
Scan Range	40 – 600 amu
Injector Temperature	250°C
Injection Volume / Mode	1 μ L / Splitless
Data Analysis Software	MassHunter GC/MS Acquisition B.07.02.1938 / Chemstation Enhanced Data Analysis F.01.01.2317 / NIST Library Version 2.2 Build 2014

