

Chemical Information:

Name: 2-Butanone, 1,1-dichloro-3,3-dimethyl-
CAS No.: 22591-21-5 Supplier: TCI America
Tox21_ID No.: Tox21_200131 Lot No.: GA11
NTP_CID No.: 3228 MW: 169.05 g/mol

Date of Analysis: 26 May 2015

Purity and Identity Results:

Peak Identity	Retention Time (min)	Purity (% Total Area) ^a
Unknown	4.72	0.61
2-Butanone, 1,1-dichloro-3,3-dimethyl-	8.42	99.08

^a Peaks comprising $\geq 0.5\%$ of total area.

GC/MS Instrument Parameters:

Instrument / Ionization	Gas Chromatograph with Mass Spectrometer / Electron Impact
Solvent	Acetone
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 300°C, hold 10 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
Run Time	58.0 minutes
Data Analysis Software	MSD ChemStation, ver D.03.00.611, NIST Library ver 2.0d, build Dec 2005

