

Chemical Information:

Name: Cyclohexanol, 4-(1,1-dimethylethyl)-, acetate Date of Analysis: 06 March 2015
 CAS No.: 32210-23-4 Supplier: Sigma-Aldrich
 Tox21_ID No.: Tox21_200180 Lot No.: 16103EI
 NTP_CID No.: 3347 MW: 157.55 g/mol

Purity and Identity Results:

Peak Identity	Retention Time (min)	Purity (% Total Area) ^a
Cyclohexanol, 4-(1,1-dimethylethyl)-, acetate	13.651	30.13
Cyclohexanol, 4-(1,1-dimethylethyl)-, acetate	14.537	69.87

^a Peaks comprising ≥ 0.5% of total area.

GC/MS Instrument Parameters:

Instrument / Ionization	Gas Chromatograph / Mass Spectrometer / Electron Impact
Solvent	Ethanol
Column	J&W DB-1, 30 m x 0.25 mm ID, 0.25-μm 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 – 500 amu
Injector Temperature	250°C
Injection Volume / Mode	1 μL / Splitless
Run Time	60.0 minutes
Data Analysis Software	MSD ChemStation, ver D.03.00.611, NIST Library ver 2.0d, build Dec 2005

