

# Chemical Information:

Name: 2-Propanol, 1,1',1'',1'''-(1,2-ethanediyldinitrilo)tetrakis-  
CAS No.: 102-60-3 Supplier: Sigma-Aldrich  
Tox21\_ID No.: Tox21\_201973 Lot No.: 06706JH  
NTP\_CID No.: 2611 MW: 292.41 g/mol

Date of Analysis: 13 August 2009

# Purity and Identity Results:

Peak Identity <sup>a</sup>	Retention Time (min)	Purity (% Total Area) <sup>b</sup>	Peak Identity <sup>a</sup>	Retention Time (min)	Purity (% Total Area) <sup>b</sup>
unknown	20.69	2.12	Isomer	21.58	4.06
Isomer	20.92	53.46	Isomer	21.62	1.53
Isomer	21.00	30.30	Isomer	21.72	6.43
unknown	21.45	0.86			

<sup>a</sup> Five components were identified as isomers of 2-propanol, 1,1',1'',1'''-(1,2-ethanediyldinitrilo)tetrakis-

<sup>b</sup> Peaks comprising  $\geq 0.5\%$  of total area.

# GC/MS Instrument Parameters:

Instrument / Ionization	Gas Chromatograph with Mass Spectrometer / Electron Impact
Solvent	Methanol
Column	J&W Scientific HP-5MS, 30 m x 0.25 mm ID, 0.25- $\mu$ 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 $\mu$ L / Split (100:1)
Run Time	36.5 minutes
Data Analysis Software	Xcalibur, v 1.2 and NIST Library v 2.0f, build 10/08/2008

