

Chemical Information:

Name: tris(Chloropropyl) phosphate
 CAS No.: 13674-84-5 Supplier: MRIGlobal
 Tox21_ID No.: Tox21_202982 Lot No.: M072911NP
 NTP_CID No.: 2518 MW: 327.57 g/mol

Date of Analysis: 16 December 2016

Purity and Identity Results:

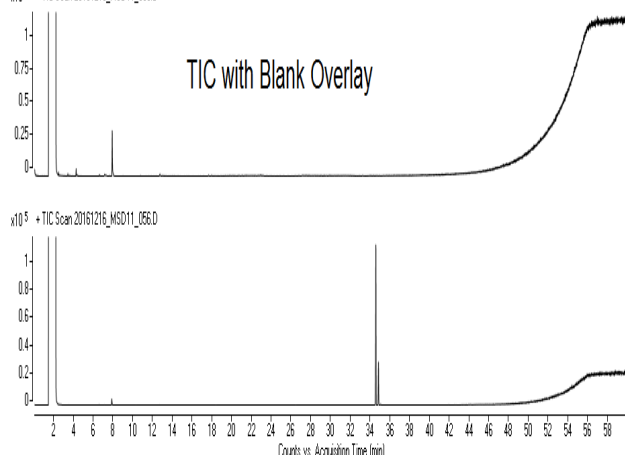
Peak Identity	Retention Time (min)	Purity (% Total Area) ^a
tris(Chloropropyl) phosphate	34.59	77.29
tris(Chloropropyl) phosphate	34.86	22.18
Unknown	35.09	0.54

^a Peaks comprising ≥ 0.5% of total area. Combined isomer purity = 99.47%.

GC/MS Instrument Parameters:

Instrument / Ionization	Gas Chromatograph with Mass Spectrometer / Electron Impact
Solvent	Acetone
Column	Rtx-5 MS, 30 m x 0.25 mm ID, 1-μm film thickness
Carrier Gas	Helium at 1.5 mL/min
Oven Program	50°C, hold 2 min; ramp @ 5°C/min to 315°C, hold 5 min
Source Temperature	230°C
Auxiliary Temperature	250°C
Scan Range	50 – 400 amu
Injector Temperature	250°C
Injection Volume / Mode	1 μL / Splitless
Data Analysis Software	MassHunter GC/MS Acquisition B.07.02.1938 / MassHunter Qualitative Analysis B.07.00 Build 7.0.7024.0 / NIST Library Version 2.2f Build 2014

x10⁴ + TIC Scan 20161216_MSD11_003.D



C9H18Cl3O4P; MF: 847; RMF: 847; Prob 80.4%; CAS: 13674-84-5; Lib: mainlib; ID: 109343.

