

Chemical Information:

Name: ortho-Tricresyl phosphate
CAS No.: 78-30-8 Supplier: Acros Organics
Tox21_ID No.: Tox21_202983 Lot No.: A0167052001
NTP_CID No.: 6610 MW: 368.36 g/mol

Date of Analysis: 16 March 2017

Purity and Identity Results:

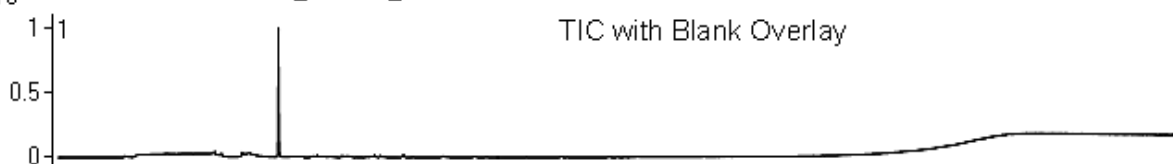
Peak Identity	Retention Time (min)	Purity (% Total Area) ^a
Unknown	27.09	1.64
Unknown	31.78	1.30
ortho-Tricresyl phosphate	32.56	96.91

^a Peaks comprising ≥ 0.5% of total area.

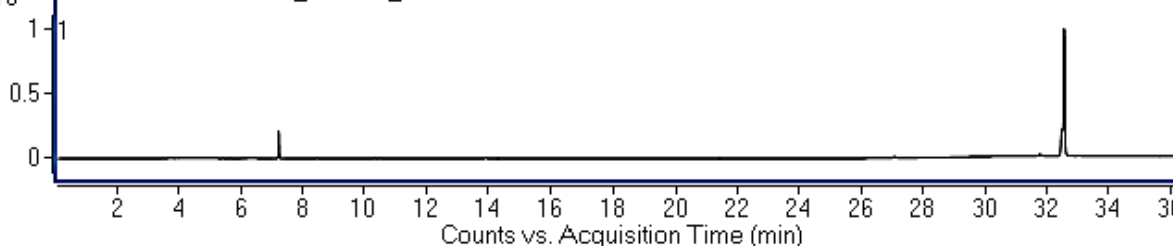
GC/MS Instrument Parameters:

Instrument / Ionization	Gas Chromatograph with Mass Spectrometer / Electron Impact
Solvent	Methanol
Column	Restek Rtx-5MS with Integra-Guard, 30 m x 0.25 mm ID, 1-μm 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	40 – 655 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 2.2 Build 2014

x10² + TIC Scan 20170316_MSD11_006.D



x10² + TIC Scan 20170316_MSD11_018.D



x10⁵ Phosphoric acid, tris(2-methylphenyl) ester: + Scan (rt: 32.510, 32.517, 32.524, 32.531 ... min...)

