

Chemical Information:

Name: Tetraethylene glycol diacrylate
CAS No.: 17831-71-9 Supplier: Sigma Aldrich
Tox21_ID No.: Tox21_202993 Lot No.: 03711PC
NTP_CID No.: 1334 MW: 302.32 g/mol

Date of Analysis: 21 March 2017

Purity and Identity Results:

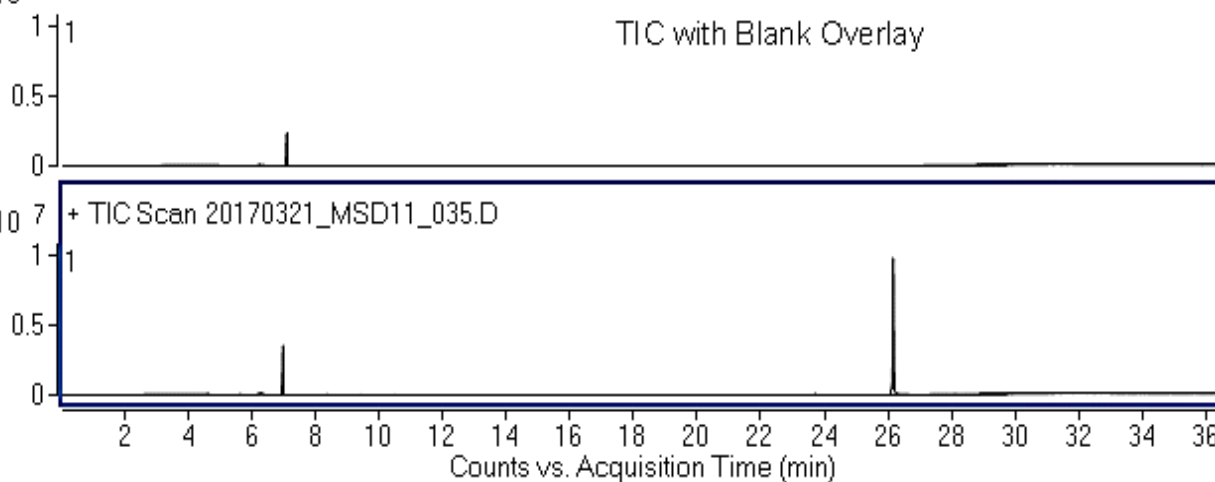
Peak Identity	Retention Time (min)	Purity (% Total Area) ^a
Unknown	23.73	1.83
Unknown	24.73	0.50
Tetraethylene glycol diacrylate	26.15	96.72

^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 – 550 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

x10⁷ + TIC Scan 20170321_MSD11_010.D



x10⁷ + TIC Scan 20170321_MSD11_035.D

