

Chemical Information:

Name: Dibenzyl phosphate
 CAS No.: 1623-08-1
 Tox21_ID No.: Tox21_201050
 NTP_CID No.: 702

Date of Analysis: 13 August 2015

Supplier: Sigma Aldrich
 Lot No.: S28972
 MW: 278.24 g/mol

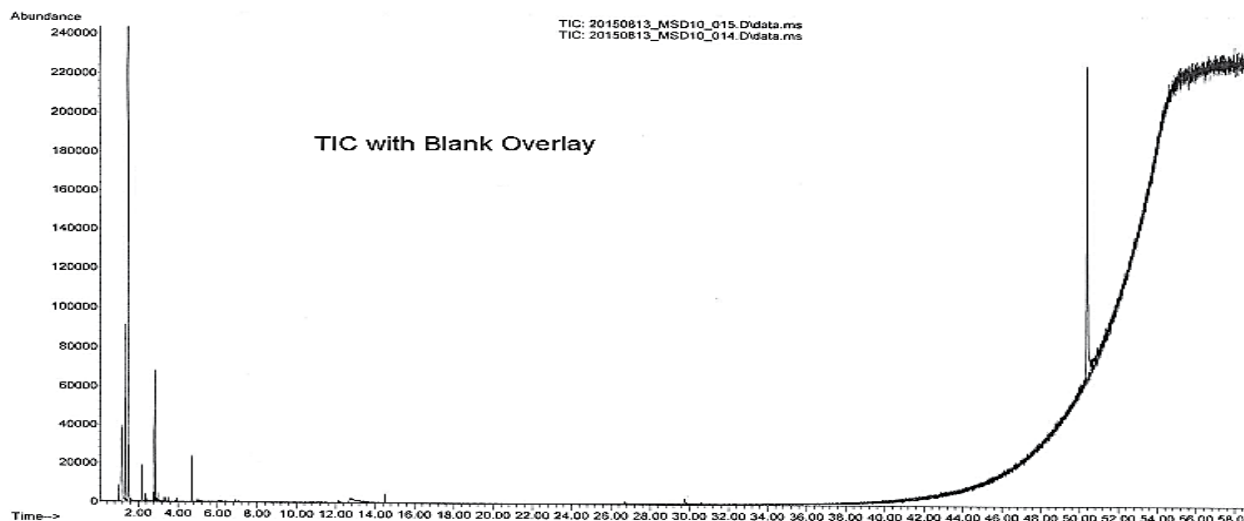
Purity and Identity Results:

Peak Identity	Retention Time (min)	Purity (% Total Area)
Dibenzyl phosphate	50.38	Not determined ^a

^a Component observed and identified; however, response was insufficient to determine impurities.

GC/MS Instrument Parameters:

Instrument / Ionization	Gas Chromatograph with Mass Spectrometer / Electron Impact
Solvent	Acetone (~ 400 µg/mL)
Column	Restek Rtx-5MS with Integra-Guard, 30 m x 0.25 mm ID, 1-µm film thickness
Carrier Gas	Helium at 2 mL/min
Oven Program	50°C, hold 2 min; ramp @ 5°C/min to 320°C, hold 5 min
Source Temperature	230°C
Auxiliary Temperature	250°C
Scan Range	40 – 550 amu
Injector Temperature	250°C
Injection Volume / Mode	1 µL / Split (10:1)
Run Time	59 minutes
Data Analysis Software	MassHunter GC/MS Acquisition B.07.02.1938 / Chemstation Enhanced Data Analysis F.01.01.2317 / NIST Library Version 2.2 Build 2014



Scan 9496 (50.382 min): 20150813_MSD10_015.D\data.ms (-9461)

Dibenzyl phosphate

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