

Chemical Information:

Name: Trichlorfon
CAS No.: 52-68-6
Tox21_ID No.: Tox21_201607
NTP_CID No.: 4801

Supplier: Sigma-Aldrich
Lot No.: SZE8021X
MW: 257.43 g/mol

Date of Analysis: 16 November 2010

Purity and Identity Results:

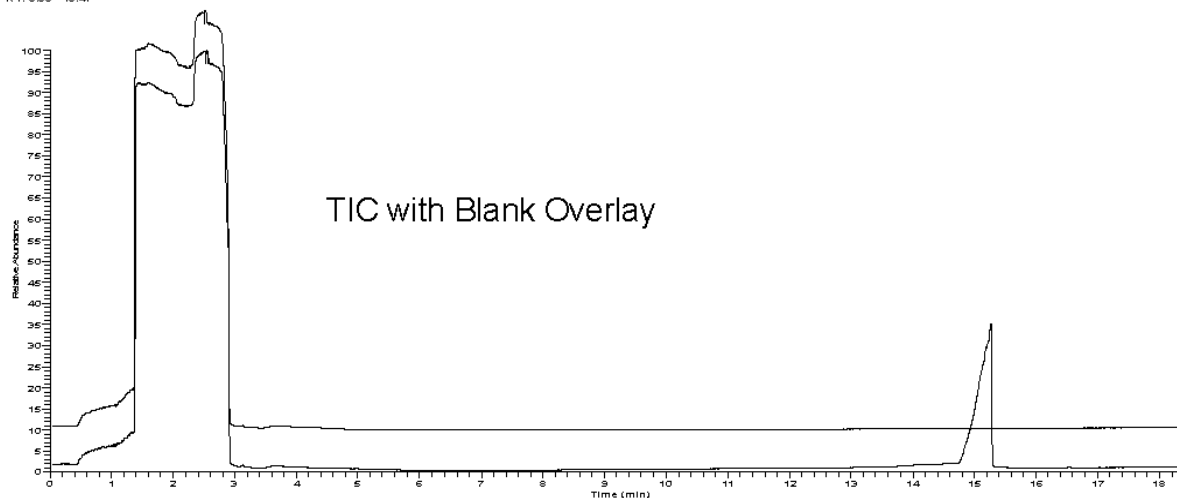
Peak Identity	Retention Time (min)	Purity (% Total Area) ^a
Trichlorfon	15.27	100.00

^a Peaks comprising $\geq 0.5\%$ of total area.

GC/MS Instrument Parameters:

Instrument / Ionization	Gas Chromatograph with Mass Spectrometer / Electron Impact
Solvent	Dichloromethane
Column	J&W Scientific HP-5MS, 30 m x 0.25 mm ID, 0.25- μ 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	200°C
Auxiliary Temperature	200°C
Scan Range	15 – 500 amu
Injector Temperature	150°C
Injection Volume / Mode	5 μ L / Splitless
Data Analysis Software	Xcalibur, v 1.2 and NIST Library v 2.0f, build 10/08/2008

RT: 0.00 - 19.47



NL: 9.54E7
TIC: MS
10K16T03
NL: 9.57E7
TIC: MS
10K16T04

