

Chemical Information:

Name: Tetraethylenepentamine
 CAS No.: 112-57-2 Supplier: Acros Organics
 Tox21_ID No.: Tox21_200669 Lot No.: A0242556
 NTP_CID No.: 1335 MW: 189.30 g/mol

Date of Analysis: 07 August 2015

Purity and Identity Results:

Peak Identity ^a	Retention Time (min)
Tetraethylenepentamine	33.94

^a Identity was confirmed for the test article; however, response was not adequate for purity determination.

GC/MS Instrument Parameters:

Instrument / Ionization	Gas Chromatograph with Mass Spectrometer / Electron Impact
Solvent	Ethanol
Column	Restek Rtx-5MS, 30 m x 0.25 mm ID, 1- μ m film thickness
Carrier Gas	Helium at 2.0 mL/min
Oven Program	50°C, hold 0 min; ramp @ 5°C/min to 320°C, hold 5 min
Source Temperature	230°C
Auxiliary Temperature	250°C
Scan Range	40 – 500 amu
Injector Temperature	250°C
Injection Volume / Mode	1 μ L / Split (10:1)
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

x10⁵ + TIC Scan 20150807_MSD10_002.D

