

# Chemical Information:

Name: 1-(1-Naphthyl)-2-thiourea  
 CAS No.: 86-88-4 Supplier: Alfa Aesar  
 Tox21\_ID No.: Tox21\_203002 Lot No.: C7253A  
 NTP\_CID No.: 4499 MW: 202.28 g/mol

Date of Analysis: 14 December 2016

# Purity and Identity Results:

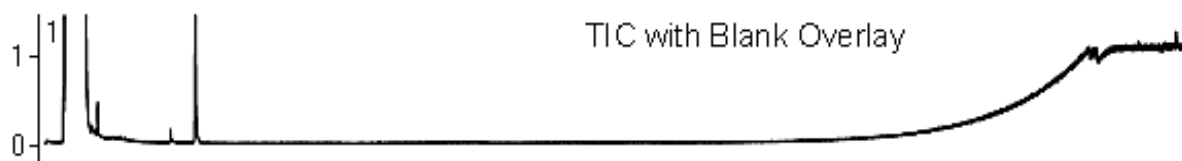
Peak Identity <sup>a</sup>	Retention Time (min)
1-(1-Naphthyl)-2-thiourea	45.62

<sup>a</sup> 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	Acetone
Column	Restek Rtx-5MS w/ Integra Guard, 30 m x 0.25 mm ID, 1-µm film thickness
Carrier Gas	Helium at 1.5 mL/min
Oven Program	50°C, hold 2 min; ramp @ 5°C/min to 315°C, hold 5 min
Source Temperature	230°C
Auxiliary Temperature	250°C
Scan Range	40 – 380 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

x10 5 + TIC Scan 20161214\_MSD11\_004.D



x10 5 + TIC Scan 20161214\_MSD11\_013.D

