

### Chemical Information:

Name: Selenourea  
CAS No.: 630-10-4  
Tox21\_ID No.: Tox21\_200857  
NTP\_CID No.: 2257

Supplier: Sigma Aldrich  
Lot No.: 75197LJ  
MW: 123.02 g/mol

Date of Analysis: 07 August 2015

### Purity and Identity Results:

Peak Identity	Retention Time (min)	Purity (% Total Area)
Selenourea	27.87	Not determined <sup>a</sup>

<sup>a</sup> 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	Ethanol (0.4 mg/mL)
Column	Rtx-5 MS, 30 m x 0.25 mm ID, 1- $\mu$ 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 $\mu$ L / Split (10:1)
Run Time	59.0 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

