

**Chemical Information:**

Name: 2-Thiazolamine  
CAS No.: 96-50-4  
Tox21\_ID No.: Tox21\_200726  
NTP\_CID No.: 223

Supplier: Sigma-Aldrich  
Lot No.: 11327DD  
MW: 100.14 g/mol

Date of Analysis: 22 March 2007

**Purity and Identity Results:**

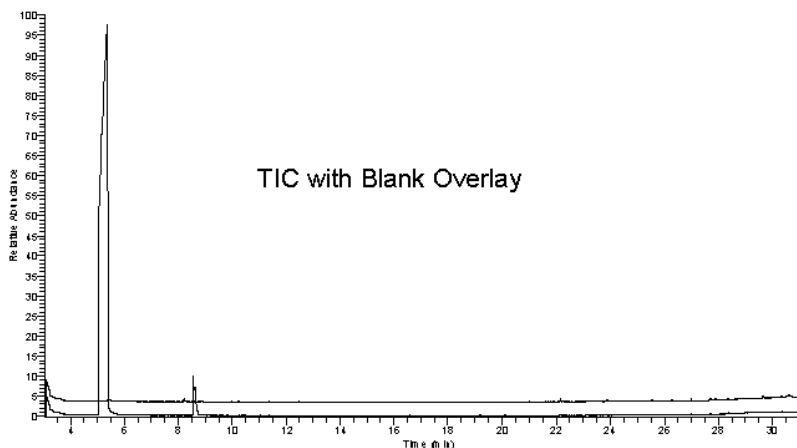
Peak Identity	Retention Time (min)	Purity (% Total Area) <sup>a</sup>
DMSO	5.38	Not applicable
2-Thiazolamine	8.55	100.0

<sup>a</sup> Peaks comprising ≥ 0.5% of total area.

**GC/MS Instrument Parameters:**

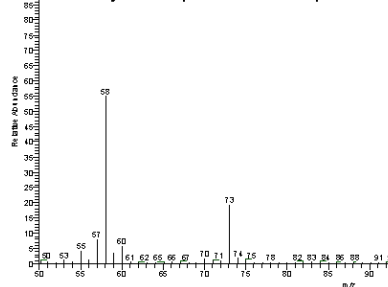
Instrument / Ionization	ThermoFinnigan TraceGC with ThermoFinnigan TraceMS / Electron Impact
Solvent	Dichloromethane (100 mM in DMSO, diluted 1/1000 with dichloromethane)
Column	J&W Scientific HP-5MS, 30 m x 0.25 mm ID, 0.25-μm film thickness
Carrier Gas	Helium at 1.0 mL/min
Oven Program	35°C, hold 2 min; ramp @ 10°C/min to 310°C, hold 2 min
Source Temperature	250°C
Auxiliary Temperature	250°C
Scan Range	50 – 250 amu
Injector Temperature	250°C
Injection Volume / Mode	2 μL / Splitless
Run Time	31.5 minutes
Data Analysis Software	Xcalibur, v 1.2 and NIST Library v 1.7, build 11/5/1999

RT: 3.05 - 31.50 SM: 33



07-02-2014 16:06 RT: 8.55 AX: 1 NL: 1.11E6  
T: (P2) + c EI 0.0-300.00 File: 05-00-250.D

Major Component Mass Spectrum



NIST Reference Mass Spectrum

