

# Chemical Information:

Name: Methacrylamide  
CAS No.: 79-39-0  
Tox21\_ID No.: Tox21\_202281  
NTP\_CID No.: 938

Supplier: Unknown  
Lot No.: 5524-126-01  
MW: 85.11 g/mol

Date of Analysis: 30 August 2007

## Purity and Identity Results:

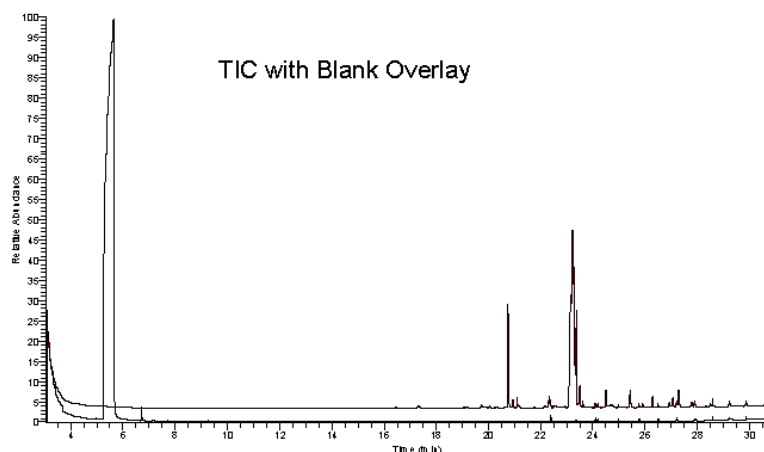
Peak Identity	Retention Time (min)	Purity (% Total Area) <sup>a</sup>
DMSO	5.65	Not applicable
Methacrylamide	6.69	95.80
unknown	7.72	4.20

<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	35 – 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 - 31.45 S.M. 3G



01/30/09 09:04 RT: 6.69 AU: 1 NL: 2.22E5  
T: (0.0) + c1010-350200 F10101 [35.00-250.00]

