

### Chemical Information:

Name: Sulfacetamide  
CAS No.: 144-80-9  
Tox21\_ID No.: Tox21\_201999  
NTP\_CID No.: 1300

Supplier: Sigma-Aldrich  
Lot No.: 035K2508  
MW: 214.24 g/mol

Date of Analysis: 17 April 2007

### Purity and Identity Results:

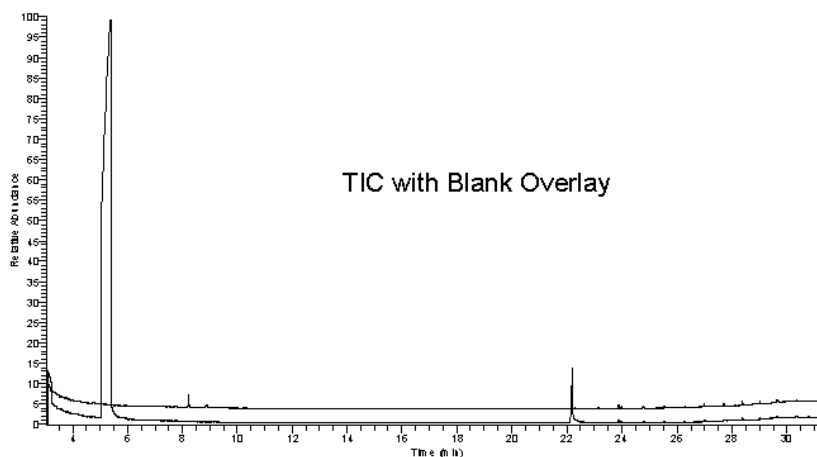
Peak Identity	Retention Time (min)	Purity (% Total Area) <sup>a</sup>
DMSO	5.38	Not applicable
unknown	20.46	1.93
Sulfacetamide	22.19	98.07

<sup>a</sup> Peaks comprising  $\geq 0.5\%$  of total area.

### GC/MS Instrument Parameters:

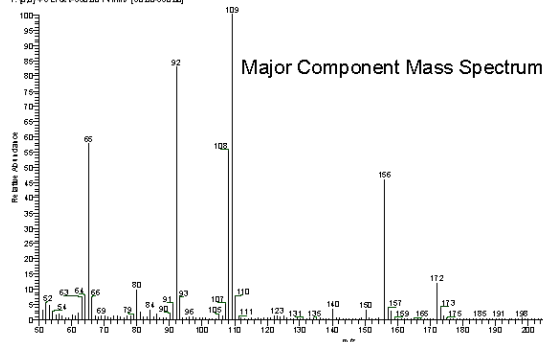
Instrument / Ionization	ThermoFinnigan TraceGC with ThermoFinnigan TraceMS / Electron Impact
Solvent	Dichloromethane (100 mM in DMSO, diluted 1/1000 with dichloromethane)
Column	J&W Scientific HP-5MS, 30 m x 0.25 mm ID, 0.25- $\mu$ m film thickness
Carrier Gas	Helium at 1.0 mL/min
Oven Program	35°C, 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 $\mu$ L / 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 - 31.49 SM: 30



TIC with Blank Overlay

07017166 #2302 RT: 22.19 AM: 1 NL: 7.73E5  
T: 0.02 + c E: 0.00-350.00 F: 0.00-350.00



Major Component Mass Spectrum

NIST Reference Mass Spectrum

