

Chemical Information:

Name: Dazomet

CAS No.: 533-74-4

Tox21_ID No.: Tox21_201236

NTP_CID No.: 683

Supplier: Sigma-Aldrich

Lot No.: 0203X

MW: 162.28 g/mol

Date of Analysis: 14 August 2007

Purity and Identity Results:

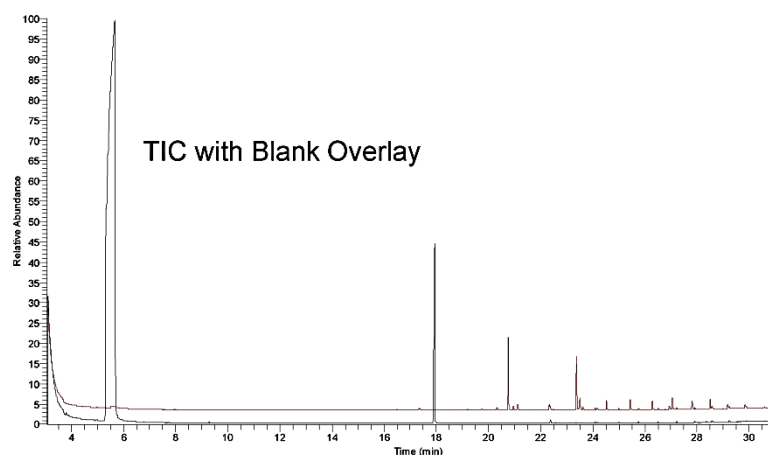
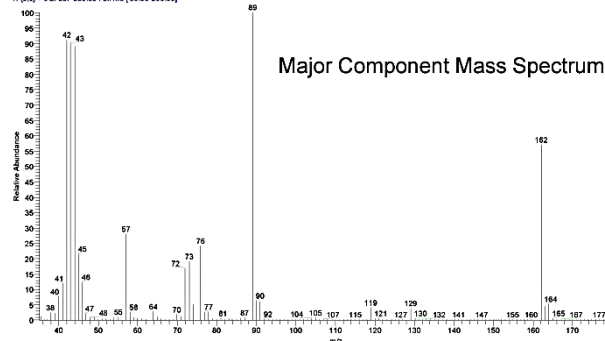
Peak Identity	Retention Time (min)	Purity (% Total Area) ^a
unknown	3.79	0.61
DMSO	5.66	Not applicable
Dazomet	17.95	98.92

^a 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 - 31.52 SM: 3G


07x1428 #3910 RT: 17.93 AU: 1 NL: 33856
T: 0.00 v: 0.01 det: 350.00 Full res [35.00-250.00]


NIST Reference Mass Spectrum

