

Chemical Information:

Name: Sesamol
CAS No.: 533-31-3
Tox21_ID No.: Tox21_201211
NTP_CID No.: 1272

Supplier: Sigma-Aldrich
Lot No.: 11918KC
MW: 138.12 g/mol

Date of Analysis: 16 April 2007

Purity and Identity Results:

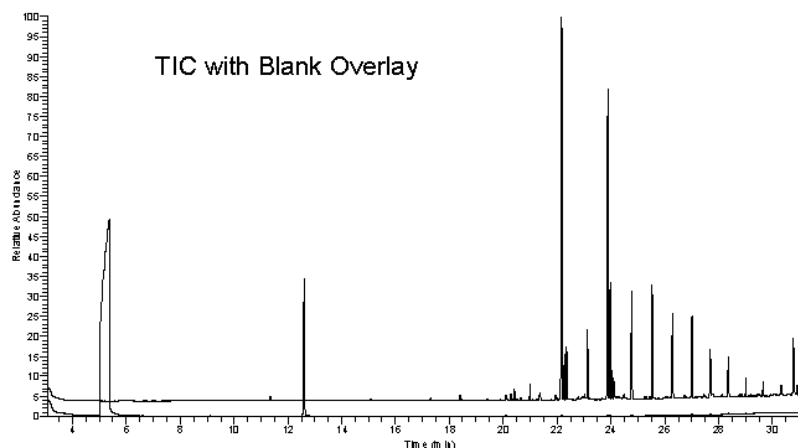
Peak Identity	Retention Time (min)	Purity (% Total Area) ^a
DMSO	5.37	Not applicable
Sesamol	12.59	99.69

^a Peaks comprising $\geq 0.5\%$ of total area.

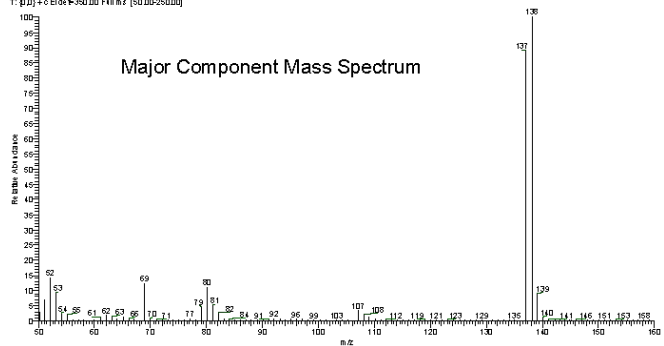
GC/MS Instrument Parameters:

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- μ 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 μ 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: 3G



0716166 #1149 RT: 12.59 MS: 1 58: 2 12.54 12.66 NL: 24266
T: 0.02 s c: 0.00 s d: 0.00 s f: 0.00 s g: 0.00 s h: 0.00 s i: 0.00 s j: 0.00 s k: 0.00 s l: 0.00 s m: 0.00 s n: 0.00 s o: 0.00 s p: 0.00 s q: 0.00 s r: 0.00 s s: 0.00 s t: 0.00 s u: 0.00 s v: 0.00 s w: 0.00 s x: 0.00 s y: 0.00 s z: 0.00 s


NIST Reference Mass Spectrum
