

Chemical Information:

Name: Benzoin
CAS No.: 119-53-9
Tox21_ID No.: Tox21_201888
NTP_CID No.: 526

Date of Analysis: 19 April 2007

Supplier: Sigma-Aldrich
Lot No.: 08928HD
MW: 212.14 g/mol

Purity and Identity Results:

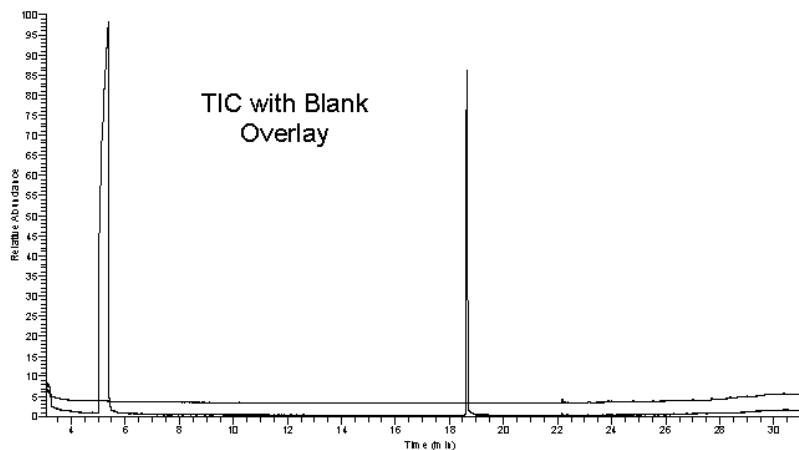
Peak Identity	Retention Time (min)	Purity (% Total Area) ^a
DMSO	5.39	Not applicable
Benzoin	18.64	100.00

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

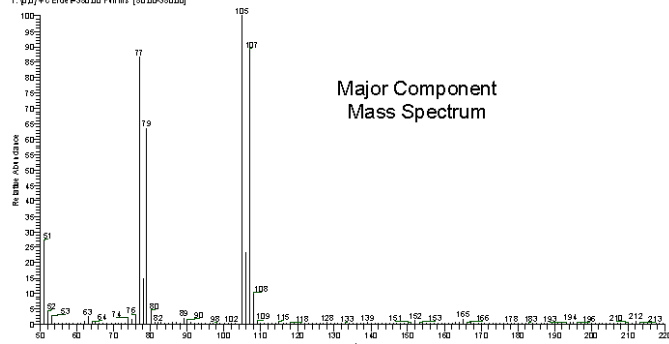
GC/MS Instrument Parameters:

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 – 350 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



0191012#1876 RT: 18.64 AC: 1 SE: 1.1855 NL: 34006
T: 0.00 + 0.00e+300.00 File: 0191012#1876



NIST Reference
Mass Spectrum

