

**Chemical Information:**

Name: Olivetol  
CAS No.: 500-66-3  
Tox21\_ID No.: Tox21\_202349  
NTP\_CID No.: 1107

Date of Analysis: 29 March 2007

Supplier: Sigma-Aldrich  
Lot No.: 05410PZ  
MW: 180.24 g/mol

**Purity and Identity Results:**

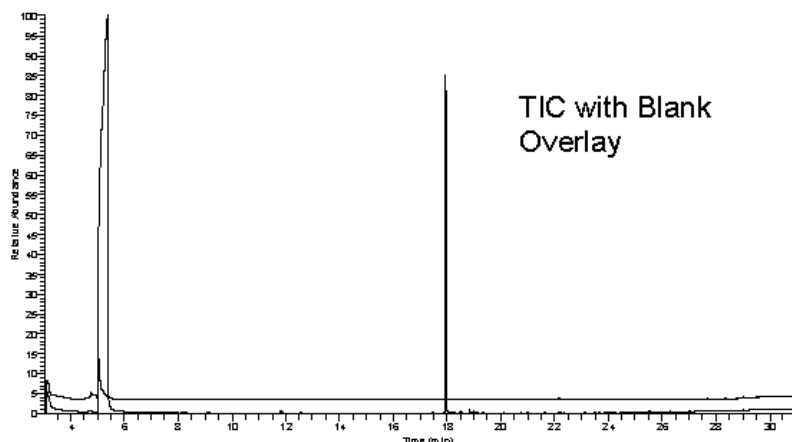
Peak Identity	Retention Time (min)	Purity (% Total Area) <sup>a</sup>
DMSO	5.37	Not applicable
Olivetol	17.95	97.26
unknown	18.85	0.94

<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	50 – 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 SM: 30



07:02:05 #1792 RT: 17.94 Min: 1.98: 2.17.95, 17.96 NL: 3.27.96  
T: 0.14 - c 0.00e+260.00 Fullms (5000.260.00)

