

**Chemical Information:**

Name: Diallyl phthalate  
CAS No.: 131-17-9  
Tox21\_ID No.: Tox21\_201961  
NTP\_CID No.: 695

Supplier: Sigma-Aldrich  
Lot No.: 17925DB  
MW: 246.26 g/mol

Date of Analysis: 12 July 2007

**Purity and Identity Results:**

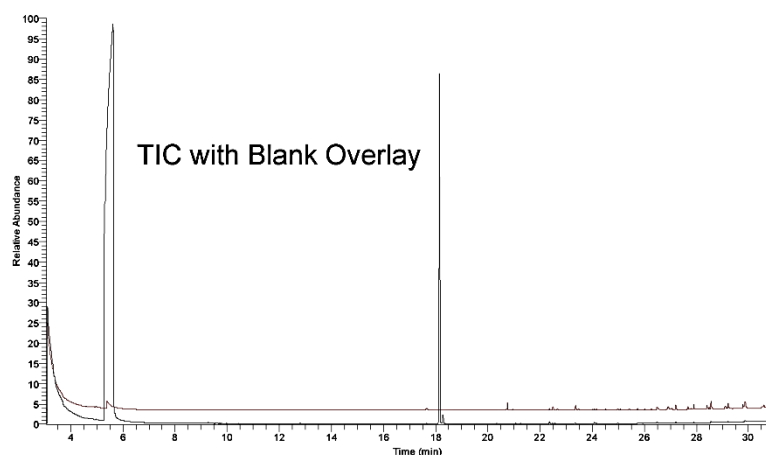
Peak Identity	Retention Time (min)	Purity (% Total Area) <sup>a</sup>
DMSO	5.61	Not applicable
Diallyl phthalate	18.15	97.97
unknown	18.27	1.81

<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	35 – 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 - 31.51 SM: 3G



07121228 #2953 RT: 18.12 AM: 1 NL: 3.33E6  
T: 0.09 + 0.21 (400-350.00) Full MS [35.00-350.00]

