

Chemical Information:

Name: 2,6-Xylidine
CAS No.: 87-62-7
Tox21_ID No.: Tox21_201426
NTP_CID No.: 199

Supplier: Sigma-Aldrich
Lot No.: 12001JC
MW: 121.18 g/mol

Date of Analysis: 22 March 2007

Purity and Identity Results:

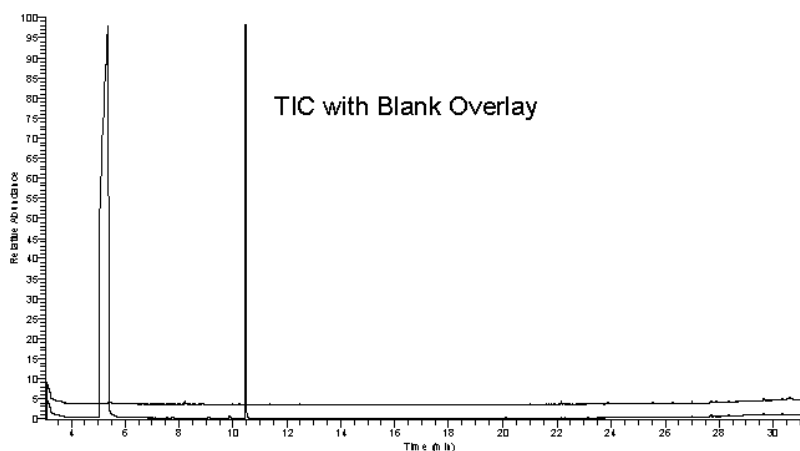
Peak Identity	Retention Time (min)	Purity (% Total Area) ^a
DMSO	5.38	Not applicable
unknown	9.89	0.65
2,6-Xylidine	10.48	99.35

^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 - 31.50 SM: 36



07/22/07 09:56 RT: 10.46 AC: 1 SM: 2 10.42, 10.53 NL: 26285
T: 0.00 c 0.01 d 0.00 e 0.00 f 0.00 g 0.00 h 0.00 i 0.00 j 0.00 k 0.00 l 0.00 m 0.00 n 0.00 o 0.00 p 0.00 q 0.00 r 0.00 s 0.00 t 0.00 u 0.00 v 0.00 w 0.00 x 0.00 y 0.00 z 0.00

