

Chemical Information:

Name: alpha-Methyl cinnamaldehyde
CAS No.: 101-39-3 Supplier: Sigma-Aldrich
Tox21_ID No.: Tox21_200051 Lot No.: 14719JU
NTP_CID No.: 480 MW: 146.19 g/mol

Date of Analysis: 27 January 2009

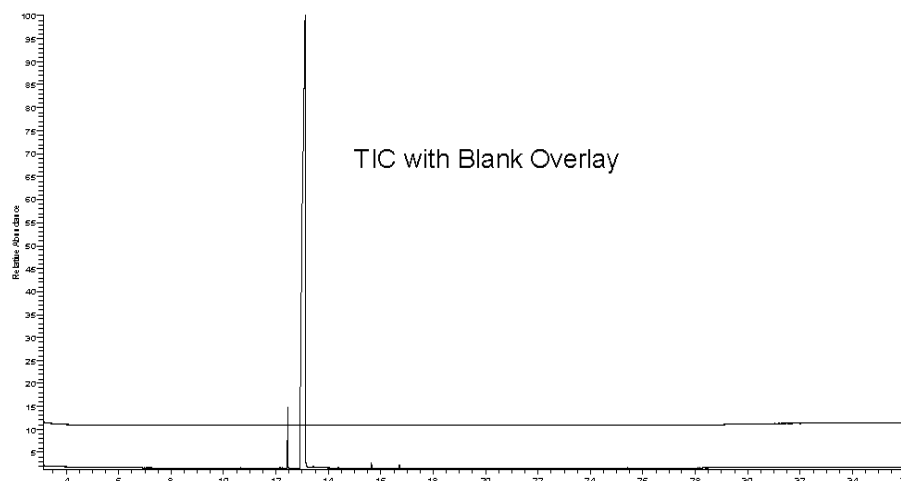
Purity and Identity Results:

Peak Identity	Retention Time (min)	Purity (% Total Area) ^a
unknown	12.45	2.51
alpha-Methyl cinnamaldehyde	13.13	96.48

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

GC/MS Instrument Parameters:

Instrument / Ionization	Gas Chromatograph with Mass Spectrometer / Electron Impact
Solvent	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 7 min
Source Temperature	250°C
Auxiliary Temperature	250°C
Scan Range	25 – 350 amu
Injector Temperature	250°C
Injection Volume / Mode	1 μ L / Split (10:1)
Run Time	36.5 minutes
Data Analysis Software	Xcalibur, v 1.2 and NIST Library v 2.0, build 7/23/2008



09/07/2009 11:01 RT: 12.93 AU: 1 SB: 2.1202, 13.14 NL: 4.31E5
T: 0.0211 v: 0.0146 v: 0.0009 v: 0.0009 v: 0.0009 v: 0.0009

