

# Chemical Information:

Name: Methyl-p-formyl benzoate  
CAS No.: 1571-08-0 Supplier: Sigma-Aldrich  
Tox21\_ID No.: Tox21\_202369 Lot No.: 08828AC  
NTP\_CID No.: 970 MW: 164.16 g/mol

Date of Analysis: 02 October 2007

# Purity and Identity Results:

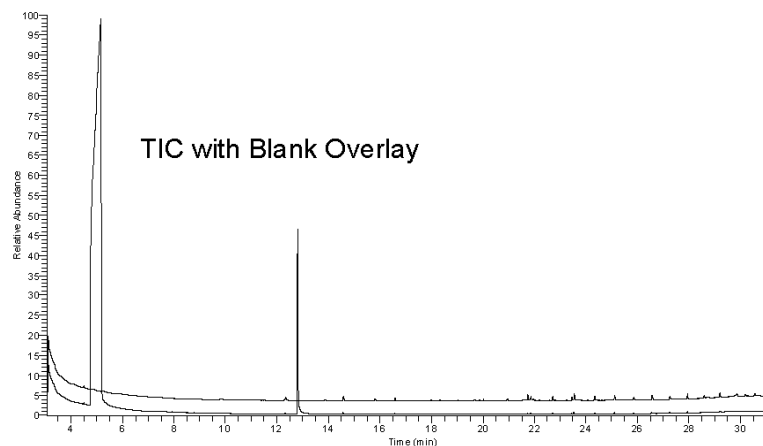
Peak Identity	Retention Time (min)	Purity (% Total Area) <sup>a</sup>
DMSO	5.16	Not applicable
Methyl-p-formyl benzoate	12.80	99.43

<sup>a</sup> Peaks comprising  $\geq 0.5\%$  of total area.

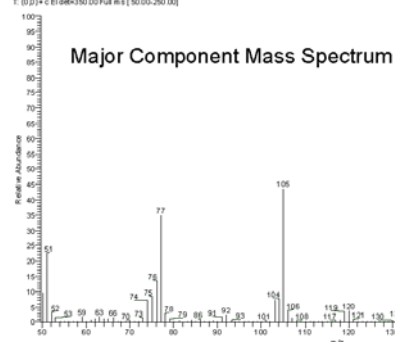
# GC/MS Instrument Parameters:

Instrument / Ionization	Gas Chromatograph / Mass Spectrometer / 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	50 – 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 - 31.49 SM 30



07/02/06 #1175 RT: 12.79 AU: 1 NL: 2.7E6  
T: (0.0) + c (0.0) det: 350.00 Pul: m (1.000-250.00)



# NIST Reference Mass Spectrum

