

Chemical Information:

Name: Benzaldehyde, 3-hydroxy-4-methoxy-
CAS No.: 621-59-0 Supplier: Sigma-Aldrich
Tox21_ID No.: Tox21_202858 Lot No.: BCBB8764V
NTP_CID No.: 6257 MW: 152.15 g/mol

Date of Analysis: 16 December 2016

Purity and Identity Results:

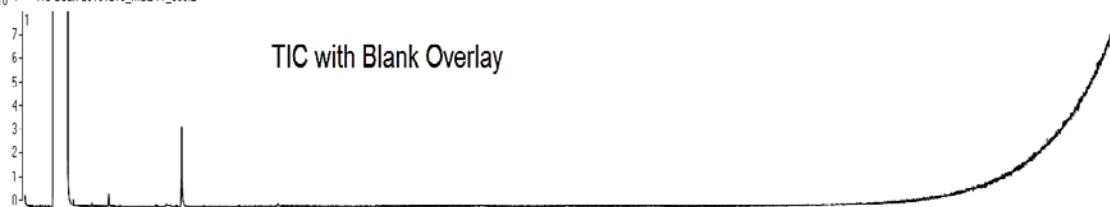
Peak Identity	Retention Time (min)	Purity (% Total Area) ^a
Benzaldehyde, 3-hydroxy-4-methoxy-	26.66	100.00

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

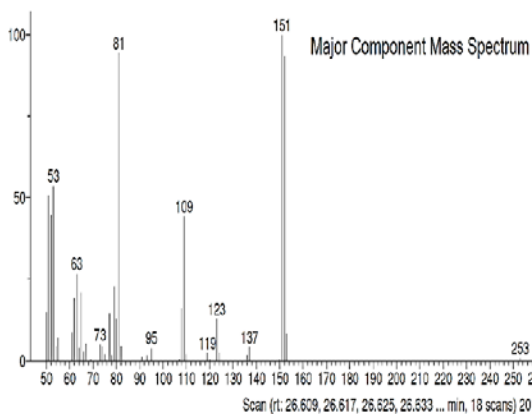
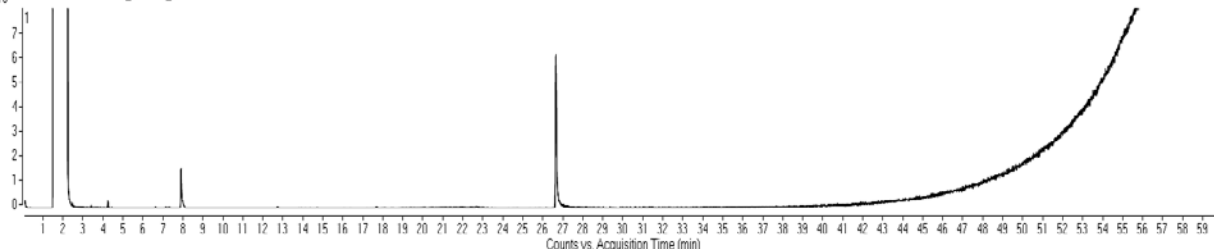
GC/MS Instrument Parameters:

Instrument / Ionization	Gas Chromatograph with Mass Spectrometer / Electron Impact
Solvent	Acetone
Column	Rtx-5 MS, 30 m x 0.25 mm ID, 1- μ m film thickness
Carrier Gas	Helium at 1.5 mL/min
Oven Program	50°C, hold 2 min; ramp @ 5°C/min to 315°C, hold 5 min
Source Temperature	230°C
Auxiliary Temperature	250°C
Scan Range	50 – 400 amu
Injector Temperature	250°C
Injection Volume / Mode	1 μ L / Splitless
Data Analysis Software	MassHunter GC/MS Acquisition B.07.02.1938 / MassHunter Qualitative Analysis B.07.00 Build 7.0.7024.0 / NIST Library Version 2.2f Build 2014

x10⁴ • TIC Scan 20161216_MSD11_003.D



x10⁴ • TIC Scan 20161216_MSD11_025.D



Hit 1: Benzaldehyde, 3-hydroxy-4-methoxy-
C8H8O3; MF: 865; RMF: 867; Prob 53.7%; CAS: 621-59-0; Lib: mainlib; ID: 112725.

