

### Chemical Information:

Name: Propanoic acid, 3-ethoxy-, ethyl ester  
CAS No.: 763-69-9 Supplier: Sigma-Aldrich  
Tox21\_ID No.: Tox21\_200179 Lot No.: 00709BH  
NTP\_CID No.: 2898 MW: 146.18 g/mol

Date of Analysis: 10 September 2009

### Purity and Identity Results:

Peak Identity	Retention Time (min)	Purity (% Total Area) <sup>a</sup>
Propanoic acid, 3-ethoxy-, ethyl ester	10.79	96.31
unknown	12.34	3.64

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

### GC/MS Instrument Parameters:

Instrument / Ionization	Gas Chromatograph with Mass Spectrometer / Electron Impact
Solvent	Not applicable; analyzed neat chemical
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	10°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 – 500 amu
Injector Temperature	250°C
Injection Volume / Mode	1 $\mu$ L / Split (480:1)
Data Analysis Software	Xcalibur, v 1.2 and NIST Library v 2.0f, build 10/08/2008

