## Chem-Impex International, Inc.

Tel: (630) 766-2112 Fax: (630) 766-2218

E-mail: sales@chemimpex.com Web site: www.chemimpex.com

Shipping and Correspondence: Manufacturing site:

935 Dillon Drive 825 Dillon Drive Wood Dale, IL 60191 Wood Dale, IL 60191

## Certificate of Analysis

Catalogue Number 27780

Product (-)-Ethyl L-lactate

**Lot Number** 002344-25909

(S)-(-)-2-Hydroxypropionic acid ethyl ester

L-Lactic acid ethyl ester

CAS Number 687-47-8 Molecular Formula C<sub>5</sub>H<sub>10</sub>O<sub>3</sub>

Molecular Weight 118.13

**Appearance** Clear, colorless to yellow liquid

Odor Mild Odor

Density 1.0312

Refractive Index 1.4133

Acid value 0.00

**Optical Rotation**  $[a]_D^{20} = -10.96^{\circ} \text{ (Neat)}$ 

Purity by GC 100%

**Storage** Store at 0-8 °C

**Remarks** See material safety data sheet for additional information

For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier

**Bala Kumar** 

**Quality Control Manager**