

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive
Wood Dale, IL 60191

Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive
Wood Dale, IL 60191

Certificate of Analysis

Catalog Number	12380
Product Name	H-D-Ala-OEt·HCl D-Alanine ethyl ester hydrochloride
Lot Number	20070520
Molecular Formula	C ₅ H ₁₁ NO ₂ ·HCl
Molecular Weight	153.60
Appearance	Brown powder
Melting Point	75.0-78.0 °C
Specific Optical Rotation	$\alpha^20_D = -3.75^\circ$ (c=1, C ₂ H ₄ O ₂)
Identification	Positive
Total Impurities	Max.1.0%
Assay (on the dried basis)	99.0%
Remarks	See Material Safety Data Sheets for additional information. For Laboratory use only

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

Quality Control Manager