

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	07175
Product Name	H-Ala(β -cyclopropyl)-OH β -Cyclopropylalanine
Lot Number	0536172
Molecular Formula	C ₆ H ₁₁ NO ₂
Molecular Weight	129.2
Appearance	White powder crystals
Solubility	Clear, colorless solution (50mg/ml in Methanol)
Optical Specific Rotation (α _D ²⁴)	-9.4° (0.5%, in water)
Elemental Analysis (Found)	C 55.36%, H 8.78%, N 10.88% H ₂ O 12.1 %
Elemental Analysis (theory)	C 55.80%, H 8.58%, N 10.84% H ₂ O 12.3 %
Assay (TLC)	Purity by TLC.....>99%
Chloroform/Methanol/Acetic acid 32% 5/3/1 (v/v/v)	detected by: UV, Ninhydrin, Chlorine-tolidine
Ethylacetate/Pyridine/Acetic acid /H₂O 6/5/1/3 (v/v/v/v)	
n-Butanol/Acetic acid/H₂O 4/2/2 (v/v/v)	
Plate Silicagel 60 F₂₅₄	
Purity (TLC)	>99%
D-Enantiomer	<0.1%
Storage	Store at -0°C.
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

A handwritten signature in black ink, appearing to read 'Sashi Kumar', written in a cursive style.

Sashi Kumar
Quality Control Manager