

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

Catalogue Number	04332
Lot Number	000127-1000036788
Product	Acetyl-L-alanine methyl amide Ac-L-Ala-NHMe
CAS Number	19701-83-8
Molecular Formula	C ₆ H ₁₂ N ₂ O ₂
Molecular Weight	144.18

Appearance	White powder
Solubility	Clear, colorless solution (50 mg/mL in MeOH)
Water Content (Karl Fisher)	0.2%
TLC System	Chloroform/Methanol/Acetic acid 77.5/15/7.5 Chloroform/Methanol/Acetic acid/Water 85/13/0.5/1.5 Ethylacetate/Pyridine/Acetic acid/Water 60/20/6/11 Plate : Silica gel 60 F ₂₅₄ Detected by : UV, ninhydrin, chlorine-tolidine
Analysis by Mass Spectra	M = 144.24 u (Average mass)
Assay	99.7% (Elemental analysis, Nfd : 19.36%)
D-Enantiomer	< 0.1%
Purity by TLC	> 99%
Chiral Purity	> 99.99% (ee)
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