

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	04574
Lot Number	000127-1000007373
Product	L-Leucine β-naphthylamide hydrochloride L-Leu- β NA•HCl
CAS Number	893-36-7
Molecular Formula	C ₁₆ H ₂₀ N ₂ O•HCl
Molecular Weight	292.9

Appearance	White powder
Solubility	Clear, colorless solution (50mg/mL in Methanol)
Melting Point	251 °C
TLC System	n-Butanol/Acetic acid/H ₂ O (4:2:2) Chloroform/Methanol/Acetic acid/Water (45:13:1:2) Ethyl acetate/Pyridine/Acetic acid/H ₂ O (60:20:6:11) Plate : Silicagel 60 F ₂₅₄ Detected by : UV, Ninhydrin, TMB
Optical Rotation	[α] _D ²⁴ = 84.5 ° (C=2 in Water)
Titration	Chloride content : 12.1%
Assay	99.7% (Cfd : 65.45%)
Purity by TLC	> 99%
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