

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	08384
Lot Number	000127-1028740
Product	L-Asparagine methyl ester hydrochloride L-Asn-OMe•HCl
CAS Number	57461-34-4
Molecular Formula	C ₅ H ₁₀ N ₂ O ₃ •HCl
Molecular Weight	182.61

Appearance	Off-white powder
Appearance of Solution	Clear, colorless solution (50 mg/mL in Methanol)
Water Content (Karl Fisher)	0.8%
TLC System	n-butanol/Acetic acid/Water (4/2/2) Ethylacetate/Pyridine/Acetic acid/Water (60/60/12/36) Chloroform/Methanol/Acetic acid 32% (5/3/1) Plate : Silicagel 60 F ₂₅₄ Detected by : UV, ninhydrin, chlorine-tolidine
Titration	Chloride content : 18.3%
Assay	92.4% (Nfd 14.17% by elemental analysis)
Purity by TLC	> 98%
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