

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	06072
Lot Number	000127-1000000647
Product	<i>N</i>^{im}-Benzyl-L-histidine methyl ester dihydrochloride L-His(Bzl)-OMe•2HCl
CAS Number	93983-56-3
Molecular Formula	C ₁₄ H ₁₇ N ₃ O ₂ •2HCl
Molecular Weight	332.23

Appearance	White powder
Appearance of Solution	Clear, colorless solution (50 mg/ml in MeOH)
Water Content (Karl Fisher)	0.5%
TLC System	n-butanol/acetic acid/water (4:2:2) Chloroform/methanol/acetic acid/water (45:13:1:2) Ethylacetate/pyridine/acetic acid/water (60:30:9:16.5) Plate: silicagel 60 F ₂₅₄ Detected by: UV, ninhydrin, chlorine-tolidine
Residual Solvents	Toluene: 11.3%
Titration	Chloride Content: 19% (AgNO ₃)
Assay	69.3% (Nfd 11.23% based on elemental analysis)
Purity by TLC	> 98%
Storage	Store at 0-8 °C

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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