

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	09543
Product Name	N,N-Dimethyl-His-OMe
Lot Number	0540020
CAS Registry Number	170227-64-2
Molecular Formula	C ₉ H ₁₅ N ₃ O ₂
Molecular Weight	197.24
Appearance	Slightly yellow viscous oil
Solubility	Clear, colorless solution (50mg/ml in Methanol)
Assay (TLC)	Purity by TLC ≥99%
Butanol/Ammonia 3% 100/44(v/v)	Detected by UV, Ninhydrin, chlorine-tolidine.
Chloroform/Methanol/Acetic acid/H₂O 70/42/0.5/10 (v/v/v/v)	
Ethyl acetate/Pyridine/Acetic acid /H₂O 60/60/12/36 (v/v/v/v)	
Plate Silicagel 60 F₂₅₄	
Assay (by CHN)	76.9%
ESI-MS	M = 197.1u
Water Content (KF)	2.7%
Acetic acid content (IC)	20.7%
Storage	Store at 0-8°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



Sashi Kumar

Quality Control Manager