

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

Product Specifications

Catalogue Number 06433
Product ***N*^α-**Z-D-histidine****

Z-D-His-OH

CAS Number 67424-93-5

Molecular Formula C₁₄H₁₅N₃O₄

Molecular Weight 289.29

Appearance White to off-white powder

Solubility Clear solution (0.3 g in 2 mL DMF)

Melting Point 161 - 164 °C

Water Content (Karl Fisher) ≤ 1%

Optical Rotation [α]_D²⁰ = 25 ± 1 ° (C=1 in 6N HCl)

Infrared Spectrum Conforms to structure

Analysis by Mass Spectra Conforms to standard

Loss on Drying ≤ 1% (70 °C, 2h)

¹H NMR Conforms to structure

Purity by HPLC ≥ 99%

Storage Store at 0 - 8 °C

For Laboratory Use Only