

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	03374
Lot Number	000127-1000013781
Product	DL-δ-Hydroxy-DL-lysine hydrochloride DL- δ -Hydroxy-DL-Lys-OH•HCl
CAS Number	13204-98-3
Molecular Formula	C ₆ H ₁₄ N ₂ O ₃ •HCl
Molecular Weight	198.7

Appearance	White powder
Appearance of Solution	Clear, colorless solution (50 mg/mL in water)
Melting Point	222 °C
Water Content (Karl Fisher)	0.5%
TLC System	n-Butanol/Acetic acid/H ₂ O (4:2:2) Isopropanol/Ammonia conc. (1:1) Methanol/Chloroform/Ammonia 17% (2:2:1) Plate : silicagel 60 F ₂₅₄ Detected by : UV, ninhydrin, chlorine-tolidine
Related Substances	< 0.5%
Titration	Chloride content : 17.3%
Assay	98.8% (Nfd 13.93% by Elemental Analysis)
Purity by TLC	> 99%
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