

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	36933
Product	L-Lysine hydrochloride, non animal origin
Lot Number	002895-823008 (S)-2,6-Diaminohexanoic acid monohydrochloride
CAS Number	657-27-2
Molecular Formula	C ₆ H ₁₄ N ₂ O ₂ •HCl
Molecular Weight	182.65

Appearance	White crystalline powder
Appearance of Solution	State of solution : 99.8%, Clear and colorless solution
Heavy Metals	< 10 ppm (as Pb)
Anion	Chloride (Cl) : 19.22% Sulfate (SO ₄) : < 0.020%
Cation	Ammonium (NH ₄) : < 0.02% Iron (Fe) : < 10 ppm Arsenic (As) : < 1 ppm
pH	5.8
Mould and Yeast	Mould : < 10 cfu/g
Optical Rotation	[α] ²⁰ _D = 21.2 ° [α] ²⁵ _D = 21.1 °
Loss on Drying	0.06%
E. Coli	Negative
Endotoxin Test	< 6 EU/g
Microbial Count	< 100 cfu/g
Related Substances	Passes test
Residue On Ignition	0.0%
Assay	99.8%
Grade	USP, EP, JP
Storage	Store at RT
Additional Information	Identification : Passes test

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Lot Number: 002895-823008

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