

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	36936
Product	L-Isoleucine, non animal origin
Lot Number	002895-820002 (2S,3S)-2-amino-3-methylpentanoic acid
CAS Number	73-32-5
Molecular Formula	C ₆ H ₁₃ NO ₂
Molecular Weight	131.2

Appearance	White crystalline powder
Heavy Metals	< 10 ppm (as Pb)
Anion	Chloride (Cl) : < 0.020% Sulfate (SO ₄) : < 0.020%
Cation	Ammonium (NH ₄) : < 0.02% Iron (Fe) : < 10 ppm Arsenic : < 1 ppm
pH	6.1
Mould and Yeast	Mold : < 10 cfu/g
Optical Rotation	[α] ²⁰ _D = 41.1 ° [α] ²⁵ _D = 40.7 °
Transmission	State of solution : > 98%, Clear and colorless solution
Loss on Drying	0.04%
E. Coli	Negative
Endotoxin Test	< 6.0 EU/g
Microbial Count	< 100 cfu/g
Related Substances	Passes test
Residue On Ignition	0.02%
Assay	99.8%
Grade	USP, EP, JP
Storage	Store at RT
Additional Information	Identification: Passes test

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Lot Number: 002895-820002

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