

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

Catalogue Number	36934
Product	L-Valine, non animal origin
Lot Number	002895-833002-1 (S)-2-Amino-3-methylbutyric acid
CAS Number	72-18-4
Molecular Formula	C ₅ H ₁₁ NO ₂
Molecular Weight	117.1

Appearance	White crystalline powder
Heavy Metals	< 10 ppm (as Pb)
Anion	Chloride (Cl) : < 0.020% Sulfate (SO ₄) : < 0.020%
Cation	Ammonium (NH ₄) : 0.00% Iron (Fe) : < 10 ppm Arsenic : < 1 ppm
pH	6.3
Mould and Yeast	Mold : < 10 cfu/g
Optical Rotation	[α] ²⁰ _D = 28.4 ° [α] ²⁵ _D = 28.2 °
Transmission	State of solution : 99.4%, Clear and colorless solution
Loss on Drying	0.01%
E. Coli	Negative
Endotoxin Test	< 6 EU/g
Microbial Count	< 100 cfu/g
Related Substances	Passes test
Residue On Ignition	0.00%
Assay	100.4%
Grade	USP, EP, JP
Storage	Store at RT
Additional Information	Identification : Passes test
Country of Origin	USA

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Lot Number: 002895-833002-1

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