

Specification

Technical Data Sheet

Product Name	L-Valine
Product No	11273495
CAS Number	72-18-4
Storage Temperature	Ambient
Molecular Weight	117.15
Specification	
Appearance	White crystals or crystalline powder
Conclusion	Conforms to USP specifications
Loss on Drying	≤ 0.30%
pH	5.5 - 7.0
Specific rotation	+26.6° to +28.8°
Assay	98.5 - 101.5%
Chloride (Cl)	≤ 0.05%

Specification

Iron (Fe)	$\leq 0.003\%$
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Residue on Ignition	$\leq 0.10\%$
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Sulfate (SO₄)	$\leq 0.03\%$
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Heavy Metal (as Pb)	$\leq 0.0015\%$
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