



**Buckton  
Scott  
Deutschland**

Specification	DATE:	08.07.2025
L-Valine	TEST METHOD:	USP24

Item	Specification
CAS no.	72-18-4
Identification (Infrared Absorption)	Corresponding to Reference Spectrum
Appearance	White crystals or crystalline powder
Specific rotation	+26.6°~+28.8°
Assay	98.5% - 101.5%
pH value	5.5~7.0
Loss on drying	≤0.3%
Residue on Ignition	≤0.1%
Sulfate	≤0.03%
Chloride	≤0.05%
Iron	≤30ppm
Heavy metals	≤15ppm
Lead	≤3ppm
Cadmium	≤1ppm
Mercury	≤0.1ppm
Arsenic	≤1ppm
Organic volatile impurities	Meet the requirements
Particle size	≥80% pass through 80 mesh
<b>Microbiological Limits</b>	
Total Plate Count	≤1000cfu/g
Yeasts & molds	≤100cfu/g
E.coli	Negative/10g
Salmonella	Negative/10g
Staphylococcus aureus	Negative/10g
Storage condition	Preserve in tight containers at controlled room temperature
Packing	25kg/drum
Shelf life	2 years
Country of Origin	China

**INFORMATION ABOVE AS RECEIVED FROM OUR SUPPLIER**

## INGREDIENTS WORLDWIDE

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