



Ebos

Xi'an Ebos Biotech Co., Ltd.

Certificate of Analysis

Product Name:	L-Valine	Manufacture Date:	2023-10-20
Batch No.:	Ebos-231020	Test Date:	2023-10-20
Quantity:	25kg/Drum	Expiration Date:	2025-10-19

ITEMS	STANDARD	RESULTS			
Description	White crystals or crystalline power	Crystalline power			
Assay	≥98.5~101.5%	99.6%			
PH	5.5~7.0	6.1			
Specific rotation $[\alpha]_D^{25}$	+26.6° ~+28.8°	+27.7°			
Loss on drying	≤0.30%	0.05%			
Residue on ignition	≤0.1%	0.03%			
Chloride (as Cl)	≤ 0.05	<0.05%			
Sulphate(SO),%	≤ 0.03%	<0.03%			
Heavy metals (as Pb)	≤ 0.0015%	<0.0015%			
Iron (as Fe)	≤ 0.003%	<0.003%			
Conclusion	Conform to the specification of the requirement.				
Storage	Store in a cool and dry place, keep away from direct strong and heat.				
Shelf Life	Two years if sealed and store away from direct sun light				
Tester	01	Checker	06	Authorizer	09



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