

**CERTIFICATE OF ANALYSIS**

Product Name	L-Alanine	Specification	Company Standard
CAS No.	56-41-7	Manufacture Date	2024.9.23
Quantity	1000KG	Analysis Date	2024.9.30
Batch No.	BF-240923	Expiry Date	2026.9.22

Items	Specifications	Results
Assay	98.50% ~ 101.5%	99.60%
Appearance	White crystalline powder	Complies
Odor	Characteristic	Complies
pH	6.5 - 7.5	7.1
Loss on Drying	≤ 0.50%	0.15%
Residue on Ignition	≤ 0.20%	0.05%
Transmittance	≥ 95%	98.50%
Chloride (as Cl)	≤ 0.05%	< 0.02%
Sulphate (as SO <sub>4</sub> )	≤ 0.03%	< 0.02%
Heavy Metals (as Pb)	≤ 0.0015%	< 0.0015%
Iron (as Fe)	≤ 0.003%	< 0.003%
<b>Microbiology</b>		
Total Plate Count	≤ 1000 CFU/g	Complies
Yeast & Mold	≤ 100 CFU/g	Complies
E.Coli	Absent	Absent
Salmonella	Absent	Absent
Package	25kg/paper drum	
Storage	Store in a cool and dry place, keep away from strong light and heat.	
Shelf Life	Two years when properly stored.	
Conclusion	Sample Qualified.	



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