

CERTIFICATE OF ANALYSIS

Product Name	L-Lysine	CAS	56-87-1
Batch Number	SOST2024032501	Manufacture. Date	Mar,25th, 2024
Batch Quantity	500KG	Expiration Date	Mar, 24th, 2026
Reference standard	USP24	Package	25kgs/drum

Items	Specifications	Results
Specific optical rotation	+23.0° ~+27.0°	+24.3°
Assay	98.5~101.0	99.3%
Loss on drying	Not more than 7.0%	4.5%
Heavy metals (Pb)	Not more than 20 ppm	7 ppm
Residue on ignition	Not more than 0.20%	0.15%
Chloride	Not more than 0.04%	0.010%
Arsenic (As ₂ O ₃)	Not more than 1 ppm	0.3ppm
Ammonium(as NH ₄)	Not more than 0.10%	0.10%
Other amino acids	Chromatographically not detectable	Conformed
Conclusion	This sample meets USP24 standard.	
Packing	25kg/paper drum ,Pack in paper-drums and two plastic-bags inside.	
Storage	Store in sealed containers at cool & dry place. Protect from light, moisture and pest infestation.	
Shelf life	2 years when properly stored	

QC MANAGER:Feng Li

ANALYST:Guo Shan

