

CERTIFICATE OF ANALYSIS

Product Name	L(+)-Arginine	Specification	Company Standard
CAS No.	74-79-3	Manufacture Date	2024.9.12
Quantity	1000KG	Analysis Date	2024.9.19
Batch No.	BF-240912	Expiry Date	2026.9.11

Items	Specifications	Results
Assay	99.0% ~ 101.0%	99.60%
Appearance	White crystalline or crystalline powder	Complies
Identification	Infrared Absorption	Complies
Transmittance	≥ 98%	99.60%
Specific Rotation(α) _D ²⁰	+26.9° to +27.9°	+27.3°
Loss on Drying	≤ 0.30%	0.17%
Residue on Ignition	≤ 0.10%	0.06%
Chloride (Cl)	≤ 0.05%	Complies
Sulfate (SO ₄)	≤ 0.03%	Complies
Iron (Fe)	≤ 30 ppm	Complies
Heavy Metals	≤ 15 ppm	Complies
Microbiological Test		
Total Plate Count	≤ 1000 CFU/g	Complies
Yeast & Mold	≤ 100 CFU/g	Complies
E.Coli	Negative	Complies
Salmonella	Negative	Complies
Package	Packed in plastic bag inside and aluminum foil bag outside.	
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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