



Certificate of Analysis

Product name	L-citrulline	Specification:	Food Grade
Package:	25kg/bag	Quantity:	2,000kg
MFG Date:	2025/03/19	EXP Date:	2027/03/18
Batch No.:	LCAJI250319	Standard	AJI 92

Items	Standards	Results
Appearance	White crystal or crystalline powder	Conform
Identification	Conform	Conform
Assay (on dry basis)	98.5%-101%	99.48%
State of solution (transmittance)	≥98%	98.9%
Specific rotation [α] _D ^{20°}	+24.5° +26.8°	+25.6°
Chloride	≤0.02%	<0.02%
Ammonium	≤0.02%	<0.02%
Sulfate	≤0.02%	<0.02%
Iron	≤0.001%	<0.001%
Heavy metals	≤0.001%	<0.001%
Arsenic	≤0.0001%	<0.0001%
Loss on drying	≤0.3%	0.15%
Residue on ignition	≤0.1%	0.08%
pH value	5.0-7.0	5.95