

CERTIFICATE OF ANALYSIS

Product	L-Citrulline		CAS NO.:372-75-8	
Batch No.	210320	Packing	5kgs/drum,2drums/carton	
Quantity	1000kg	Product Date	Mar.20, 2021	
Specification	AJI92	Expiry Date	Mar.19, 2023	
Items & Results				
Item	Spec.		Result	
Appearance	White crystalline or crystalline powder		Complies	
Specific rotation[α]D20	+ 24.5° + 26.8°		+ 26.0°	
State of solution	≥98%		>98%	
Water	≤0.30%		0.04%	
Residue on Ignition	≤0.1%		0.03%	
Particle Size	Not less than 90% pass 80 mesh		Complies	
Heavy Metal	≤10ppm		<10ppm	
PH	5.0to7.0		6.0	
Microbiological Test				
Standard Plate Count	≤1000cfu/g		< 10cfu/g	
Yeast & Mold	≤100cfu/g		< 10cfu/g	
Coliforms	≤3MPN/g		<3MPN/g	
Chloride (Cl)	≤0.02%		Complies	
Ammonium (NH4)	≤0.02%		Complies	
Sulfate(SO4)	≤0.02%		Complies	
Iron(Fe)	≤10ppm		Complies	
Assay	98.5% to 101.0%		99.2%	
Conclusion	The products Conforms to AJI92 standard			
Storage	Store in tightly closed original container,protected from light in a dry place at low temperature(≤25℃) 。			
Analyst	马亮	Review	刘贺琴	Supervisor of QC 李敏

