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CERTIFICATE OF ANALYSIS

Product Name	L-Citrulline		
CAS No.	372-75-8	PO No.	8044700/42756
Quantity	1000kgs	Manufacture Date	Jul 08, 2018
Batch No.	66183019	Analysis Date	Jul 18, 2018
Quality Standard	AJ192	Expiry Date	Jul 07, 2020

Test Items	Limit	Result
Appearance	White crystals or crystalline powder	conform
Identification	As per AJ192	conform
Specific Rotation	+24.5° to +26.8°	+26.0°
State of Solution	not less than 98.0%	99.0%
Chloride	not more than 0.020%	<0.02%
Ammonium	not more than 0.02%	<0.02%
Sulfate	not more than 0.020%	<0.02%
Iron	not more than 10ppm	<10ppm
Heavy Metals	not more than 10ppm	<10ppm
Arsenic (As ₂ O ₃)	not more than 1ppm	<1ppm
Lead	≤3ppm	<3ppm
Cadmium	≤1ppm	<1ppm
Mercury	≤0.1ppm	<0.1ppm
Loss on drying	not more than 0.30%	0.17%
Residue on ignition	not more than 0.10%	<0.10%
Assay	98.5% to 101.0%	99.7%
pH	5.0 to 7.0	5.9
Aerobic Plate Count	<1000 cfu/g	65cfu/g
Coliforms	Negative/1g	conform
E.coli	Negative/1g	conform
Yeasts	<50 cfu/g	10cfu/g
Moulds	<50 cfu/g	5cfu/g
Salmonella	negative/375g	conform
Staphylococcus aureus	negative/25g	conform

Conclusion The products conform to AJ192 standard.

Reported by: 陈燕

Verified by: 郭刚

Storage Preserve in well-closed containers.

