

CROWN SUPPLEMENTS

Raw Material Certificate of Analysis Record

CERTIFICATE OF ANALYSIS

Product Name:	L-Citrulline Malate (2:1)	Batch Number:	LCM20250910
Batch Quantity:	2800 kg		

ANALYSIS	SPECIFICATION	RESULT	METHOD
L-Citrulline	62.5%-74.2%	65.8%	HPLC
DL-Malic acid	26.4%-36.4%	32.7%	HPLC
Appearance	White Crystal Powder	Complies	Organoleptic
Odor & Taste	Characteristic	Complies	Organoleptic
Specific rotation	+17°-+19°	+17.2°	USP <781s>
Chloride	≤0.05%	<0.05%	USP <221>
Iron	≤10ppm	<10ppm	USP <241>
Arsenic	≤0.05%	<0.05%	USP <211>
Loss on Drying	≤0.2%	0.1%	USP <731>
Residue on Ignition	≤0.1%	0.05%	USP <281>
Heavy Metals	≤10 ppm	Complies	USP <231>
Pb	≤1 ppm	Complies	USP <251>
As	≤0.5 ppm	Complies	USP <211>
Cd	≤0.5 ppm	Complies	USP <851>
Hg	≤0.1 ppm	Complies	USP <261>
Microbiological			
Total Plate Count	≤10,000 cfu/g	Complies	CP2015
Yeast & Mold	≤100cfu/g	Complies	CP2015
E. coli	Negative	Negative	CP2015
Salmonella	Negative	Negative	CP2015
Packing	Packed in paper carton outside and two PE bags inside. N.W:25kgs;G.W:28kgs		
Storage	Preserve in well-closed, light-resistant, and protect from moisture		

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