

CERTIFICATE OF ANALYSIS
Creatine Monohydrate

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ANALYSIS ITEMS	SPECIFICATION	RESULTS	METHOD
Appearance	White Fine Powder	Conforms	Visual
Particle Size:	200 Mesh	Conforms	Mesh Screen
Identification	Positive	Conforms	IR
Assay	> 99.5%	99.91%	HPLC
Bulk Density	> 0.50g/ml	0.51g/ml	USP <616>
Loss on Drying	< 12 %	11.23%	USP<731>
Residue on ignition	< 0.10%	0.010%	USP <281>
Heavy Metals	<10ppm	Conforms	USP <231>
Arsenic	<1ppm	Conforms	ICP/MS
Lead	<1ppm	Conforms	ICP/MS
Nickel	<1ppm	Conforms	ICP/MS
Microbiology Control			
Total Plate Count	≤1000cfu/g	Conforms	USP <2021>
Mold & Yeast	≤100cfu/g	Conforms	USP <2021>
E.Coli	Negative	Conforms	USP <2022>
Salmonella	Negative	Conforms	USP <2022>

Storage: in cool and dry place.

Shelf Life: two years when properly stored.

Conclusion: conforms with the enterprise standards.

* Data based on manufacturer's document



Quality Control

