



Shaanxi LonierHerb Bio-Technology Co., Ltd.

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Certificate of Analysis

Product Information			
Product Name	Creatine Monohydrate	Report Number	CMP20220443
Mesh	200 Mesh	Manufacture Date	2022/04/19
Batch No.	CMP220419	Expiry Date	2024/4/18
Test Items	Specifications	Result	Test Methods
Appearance	White Crystalline Powder	Conforms	Visual
Clarity & Color Of Solution	Clear & Colorless	Conforms	Visual
Assay	≥99.0%	99.93%	Titration
Creatinine	≤50ppm	38ppm	HPLC
Loss on Drying	≤11.5%	7.11%	USP40
Residue on Ignition	≤0.1%	0.03%	USP40
Sulfate	≤0.1%	Conforms	USP40
Dicyanamide	≤20ppm	Conforms	USP40
Cyanide	≤1ppm	Conforms	USP40
Bulk Density	≥430g/L	470g/L	--
Tapped Density	≥550g/L	650g/L	--
Arsenic (As)	<1.0mg/kg	Conforms	ICP-MS
Lead (Pb)	<1.0mg/kg	Conforms	ICP-MS
Mercury (Hg)	<1.0mg/kg	Conforms	ICP-MS
Cadmium (Cd)	<0.1mg/kg	Conforms	ICP-MS
Total Bacterial Count	≤100cfu/g	35cfu/g	USP40
Mould & Yeast	≤100cfu/g	Conforms	USP40
E.Coli	Negative	Negative	USP40
Salmonella	Negative	Negative	USP40
S.aureus	Negative	Negative	USP40
Conclusion			
Conclusion	To be complied with in-house Specification		
Shelf Life	2 years when properly stored.		
Storage	Store in cool & dry place, not freeze. Keep away from strong light.		

Tested by: 张丽娜

Checker: 李明

Approved:

