



苏州维卓生物技术有限公司

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Certificate of Analysis

Product Name	Creatine Monohydrate 200 Mesh	Manufacture Date	Jan.01, 2026
Batch Number	A20260101C	Expiry Date	Dec.31, 2027
CAS No.	6020-87-7	Country of Origin	China
Item	Specification	Results	Test Methods
Assay (dry basis)	99.5%-102.0%	101.2%	USP<621>
Appearance	White powder	White powder	Visual
Identification	The testing sample's infrared absorption spectrum should be consistent with the reference map	Conforms	USP<197K>
	The retention time of the major peak of the sample solution corresponds to that of the standard solution, as obtained in the assay	Conforms	USP<621>
Loss on drying	10.5%-12.0%	11.3%	USP<731>
Residue on ignition	NMT0.1%	0.03%	USP<281>
Bulk density	NLT400g/L	510g/L	USP<616>
Tapped density	NLT550g/L	760g/L	USP<616>
Creatinine	NMT50ppm	0ppm	USP<621>
Sulphate	NMT0.03%	Conforms	USP<221>
Test of Sulfuric Acid	No Carbonation	Conforms	USP<271>
Dicyanamide	NMT50ppm	22ppm	USP<621>
Dihydrotriazine	NMT0.0005%	Not Detected	USP<621>
Any unspecified impurity	NMT0.1%	Not Detected	USP<621>
Total unspecified impurities	NMT1.5%	Not Detected	USP<621>
Total impurities	NMT2.0%	0.0022%	USP<621>
Particle size	NLT70% pass 200 mesh	78%	USP<429>
Heavy metals	NMT10ppm	Conforms	USP<231>
Lead	NMT0.1ppm	Conforms	AAS

VITAJOY

Suzhou, China

Jiaying, China

Dallas, USA

Venlo, Netherlands



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Arsenic	NMT1ppm	Conforms	AAS
Cadmium	NMT1ppm	Conforms	AAS
Mercury	NMT0.1ppm	Conforms	AAS
Cyanide	NMT1ppm	Not Detected	Colorimetry
Total Bacterial Count	NMT100cfu/g	20cfu/g	USP<2021>
Yeast & Mold	NMT100cfu/g	LT10cfu/g	USP<2021>
E. Coli	Negative/10g	Negative	USP<2022>
Salmonella	Negative/10g	Negative	USP<2022>
Staphylococcus aureus	Negative/10g	Negative	USP<2022>
Conclusion	Conform with enterprise standard.		
Packing & Storage	Packed in paper-drums. Store in a well-closed container away from moisture and sunshine.		
Shelf life	Two years if store under the conditions above and stay in original packing.		



QC:

俞丽峰

VERIFIED BY:

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