



渭南东江天成实业有限公司
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CERTIFICATE OF ANALYSIS

Product Name	Creatine Monohydrate	Manufacture Date	2024/07/31
Batch Number	CM2024073101	Expire Date	2026/07/30
Batch Quantity	2000kg	Issue Date	2024/08/06

Item	Specification	Result	Test Method
Physical&Chemical Control			
Appearance	White crystalline powder	Conform	Visual
Assay	≥99.5%	99.9%	HPLC
Creatinine	≤100ppm	49.1ppm	HPLC
Dicyandiamide	≤50ppm	5.8ppm	HPLC
Cyanide	≤1ppm	Conform	Colorimetry
Loss on drying	≤12.0%	0.9%	USP<731>
Residue on Ignition	≤0.1%	0.09%	USP<281>
Sulfate	≤0.03%	Conform	Colorimetry
Bulk density	≥420g/L	480g/L	USP<616>
Tapped density	≥550g/L	770g/L	USP<616>
Heavy Metals			
Heavy Metals	NMT5ppm	Conform	USP43
Lead(Pb)	NMT3ppm	Conform	USP43
Arsenic (As)	NMT1ppm	Conform	USP43
Mercury(Hg)	NMT0.1ppm	Conform	USP43
Cadmium(Cd)	NMT1ppm	Conform	USP43
Microbiology Control			
Total Plate Count	NMT100cfu/g	<100cfu/g	USP
Total Yeast & Mold	NMT100cfu/g	<100cfu/g	USP
E.Coli	Negative/g	Negative	USP
Salmonella	Negative/10g	Negative	USP
Staphylococcus Aureu	Negative/g	Negative	USP
Packaging&Storage	Packed in paper-drums and two plastic-bags inside,25kg/Drum. Keep in cool & dry place. Stay away from strong light and heat.		
Conclulsion	Qualified		

Tested by:

Approved by:

QC Manager:

SUMMIT INGREDIENTS CO., LTD
QUALITY CONTROL

Xiao Hong
Authorised Signature(s)