

**CERTIFICATE OF ANALYSIS**

Product Name	Creatine Monohydrate	Specification	Company Standard
CAS No.	6020-87-7	Manufacture Date	2024.10.16
Quantity	500KG	Analysis Date	2024.10.23
Batch No.	ES-241016	Expiry Date	2026.10.15

Items	Specifications	Results
Assay (HPLC)	≥ 98%	99.97%
Appearance	White crystalline powder	Complies
Odor	Characteristic	Complies
Creatinine	≤ 50 ppm	33 ppm
Dicyandiamide	≤ 50 ppm	19 ppm
Loss on Drying	≤ 12.0%	9.86%
Residue on Ignition	≤ 0.1%	0.06%
<b>Heavy Metal</b>		
Total Heavy Metal	≤ 10 ppm	Complies
Lead (Pb)	≤ 2.0 ppm	Complies
Arsenic (As)	≤ 2.0 ppm	Complies
Cadmium (Cd)	≤ 1.0 ppm	Complies
Mercury (Hg)	≤ 0.1 ppm	Complies
<b>Microbiological Test</b>		
Total Plate Count	≤ 1000 CFU/g	Complies
Yeast & Mold	≤ 100 CFU/g	Complies
E.Coli	Negative	Negative
Salmonella	Negative	Negative
Staphylococcus	Negative	Negative
Package	25kg/drum.	
Storage	Store in a cool and dry place, keep away from strong light and heat.	
Shelf Life	Two years when properly stored.	
Conclusion	Sample Qualified.	



Analyst: Jiayan Yang

Checked By: Fei Shen

Manager: Xiaoyu Wang