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Certificate of Analysis

Product Name	Creatine Monohydrate 200 Mesh		
CAS NO.	6020-87-7	Quantity	50000KG
Production Date	2020-12-20	Batch No.	QY20201220
Expiry Date	2022-12-19	Report Date	2020-12-28
Original			
ITEMS	SPECIFICATIONS		RESULTS
Appearance	White Crystalline Powder		Complies
Odor & Tasted	Characteristic		Complies
Assay (%)	99.50		99.90
Identification	IR,HPLC		Complies
Residue on Ignition	≤0.1		0.03
Loss on Drying(%)	≤1.0		3.52
Bulk Density(g/ml)	> 0.45		0.50
Particle size(%)	100% through 80 mesh sieves		Complies
Heavy Metals			
Heavy Metal (ppm)	≤10		5.12
Pb(ppm)	≤1.0		0.23
As(ppm)	≤1.0		0.24
Hg(ppm)	≤1.0		0.31
Cd(ppm)	≤0.5		0.03
Microbiological Tests			
Total Plate Count(cfu/g)	≤ 1000		647.20
Yeasts and Moulds(cfu/g)	≤ 100		56.31
E.coli (cfu/g)	≤ 100		61.19
Salmonella	Negative		Complies
Pathogen	Negative		Complies
Staphylococcus	Negative		Complies
Conclusion	Conform to the standard.		
Packing	1kg/bag, 25kg/drum		
Storage and Handling	Store in a cool and dry place, keep away from direct strong and heat.		
Shelf life	Two years if sealed and store away from direct sun light.		

QC: Li Ting

QA: Tian Wen

