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SPECIFICATION SHEET

Creatine Monohydrate 99%

Product Name	Creatine Monohydrate	**CAS No.**	6020-87-7
Molecular Formula	C4H9N3O2·H2O	**Molecular Weight**	149.15

Test Item	Specification	Test Method
Appearance	White powder	Visual
Odor & Taste	Characteristic	Organoleptic
Assay (on dried basis)	≥ 99.0%	HPLC
Particle Size	NLT 90% through 60 mesh	USP<786>
Loss on Drying	≤ 12.0%	USP<731>
Ash	≤ 0.1%	USP<561>
Lead (Pb)	≤ 0.5 ppm	ICP-MS
Arsenic (As)	≤ 0.5 ppm	ICP-MS
Cadmium (Cd)	≤ 0.5 ppm	ICP-MS
Mercury (Hg)	≤ 0.1 ppm	ICP-MS
Standard Plate Count	≤ 1,000 cfu/g	USP<2021>
Total Yeast & Mold	≤ 100 cfu/g	USP<2021>
E. coli	Negative	USP<2022>
Salmonella	Negative	USP<2022>
S. aureus	Negative	USP<2022>

Storage: Store in tightly sealed and preferably full containers in cool, dry and ventilated area.

Shelf Life: 24 months under above conditions, and kept in its unopened original packaging.

Prepared by: Mia Yu Approved by: Charlie Wang Date: Sep. 14, 2026