

ASES CHEMICAL WORKS

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CERTIFICATE OF ANALYSIS

1. Name of the Product	Creatine Monohydrate
2. CAS Number	6020-87-7
3. Mesh Size	200 Mesh
4. Batch No & Mfg. Date	As mentioned on Label
5. Date Of Exp	3 Years from MFD
6. Date of Analysis	Feb-2026

Sr No	Testing Item	Standard	Results	Test Method
1	Appearance	White powder	White powder	Eyeballing
2	Assay	≥99%	99.93%	HPCL
3	Sulphate	≤0.03%	Conformed	CHP2015
4	Loss on drying	≤12%	11.25	CHP2015
5	Residue on ignition	≤0.10%	0.06%	CHP2015
6	Test of Sulfuric Acid	No Carbonation	Conformed	Eyeballing
7	Creatinine	≤100ppm	59ppm	HPCL
8	Dicyanamide	≤50PPM	Conformed	HPCL
9	Cyanide	≤1PPM	Conformed	HPCL
10	Total Impurity	≤2%	Conformed	Compute
11	Heavy Metals	≤10ppm	<10ppm	USP(231)
12	Lead	≤1ppm	<1ppm	USP(251)
13	Cadmium	≤1ppm	<1ppm	AAS
14	Mercury	≤0.1ppm	<1ppm	USP(261)
15	Arsenic	≤1ppm	<1ppm	USP(211)
16	Total Plate Count	≤100cfu/g	<100cfu/g	USP(61)
17	Coliform	Negative	Conformed	USP(61)
18	E Coli & Salmonella	Negative	Conformed	USP(61)
19	Yeast & Mould	Negative	Conformed	USP(61)
20	Staphylococcus Aureus	Negative	Conformed	USP(61)