

CERTIFICATE OF ANALYSIS

Product : Creatine Monohydrate 200 mesh
Quality : USP
Batch number : CM2026031701
Man. Date : 17-03-2026
Exp. Date : 16-03-2029
Country of origin : China
Product code : A1242_B

Items	Specifications	Results
Appearance	White crystalline powder	Complies
Content of Assay (HPLC)	$\geq 99.5\%$	100.1%
Loss on drying	$\leq 12.0\%$	11.0%
Residue on ignition	$\leq 0.1\%$	0.10%
Creatinine (HPLC)	≤ 100 ppm	36.0 ppm
Dicyandiamide (HPLC)	≤ 50 ppm	11.6 ppm
Dihydrotriazine (HPLC)	≤ 5 ppm	< 5 ppm
Individual impurity	$\leq 0.1\%$	< 0.1%
Total impurities	$\leq 2.0\%$	< 2.0%
Cyanide (Colorimetry)	≤ 1 ppm	< 1 ppm
Bulk density	≥ 420 g/l	570 g/l
Tapped density	≥ 550 g/l	790 g/l
Heavy metals	≤ 0.5 ppm	Complies
Arsenic (As)	≤ 0.1 ppm	Complies
Cadmium (Cd)	≤ 0.1 ppm	Complies
Mercury (Hg)	≤ 0.1 ppm	Complies
Lead (Pb)	≤ 0.1 ppm	Complies
Sulphate	$\leq 0.03\%$	< 0.03%
Total bacterial count	≤ 100 cfu/g	< 100 cfu/g
Salmonella	Negative/10g	Negative
E.Coli	Negative/g	Negative
S.Aureus	Negative/g	Negative
Yeast and Moulds	≤ 100 cfu/g	< 100 cfu/g

Storage : Keep in a well ventilated cool and dry place.