

CERTIFICATE OF ANALYSIS

Product Name	Creatine Monohydrate	Batch No:	180410
CAS No:	6020-87-7	Date of manufacture:	10 April 2018
EC/EINECS No:	200-306-6	Date of expiry	09 April 2020
Molecular Formula	C ₄ H ₉ N ₃ O ₂ H ₂ O	Particle Size:	80 mesh
Molecular weight:	149.14	Quantity:	5000KGS

Typical specification & Test results		
Test items	Specification	Test results
Assay	99.5% min	100.3%
Appearance	Free Flowing Crystalline Powder	Conform
Solution	Clear and colorless	Conform
Residue on ignition	0.1% max	0.07%
Bulk density	0.45g/ml min	0.67g/ml
Loss on drying	12% max	11.8%
Heavy metal	10ppm max	Less than 10 ppm
Pb	1 ppm max	Less than 1 ppm
As	1 ppm max	Less than 1 ppm
Hg	1 ppm max	Less than 1 ppm
Microbiological control & test		
Total plate count	1000 cfu/g max	Pass
Yeasts	25 cfu/g max	Pass
Moulds	25 cfu/g max	Pass
E-Coli	Negative	Pass
Staphylococcus Aureus	Negative	Pass
Salmonella	Negative	Pass
Coliform	Negative	Pass

Packing: 25KGS net weight cartons, Gross weight: 26.5KGS

Storage Conditions: This material is to be stored in a tightly sealed cartons /container and to be kept in a cool place away from moisture and direct sunlight.

Self life :2 years.