

BaseBulk

CERTIFICATE OF ANALYSIS

Product Name	Creatine Monohydrate
Batch Number	CM202406161C
Manufacture Date	2024-06-16
Expiry Date	2027-06-15
Testing Date	2024-06-25
CAS No.	6020-87-7
Molecular Formula	$C_4H_9N_3O_2 \cdot H_2O$
Molecular Weight	149.1 g/mol

Physical & Chemical Data

Analysis Item	Specification	Result
Creatine Monohydrate	$\geq 99.9\%$	100.7%
Creatinine	≤ 100 ppm	47.5 ppm
Dicyandiamide (DCD)	≤ 50 ppm	34.5 ppm
Cyanide	≤ 1 ppm	None-Detectable
Dihydrotriazine (DHT)	≤ 3 ppm	None-Detectable
Loss on Drying	$\leq 12.0\%$	11%
Residue on Ignition	$\leq 0.1\%$	0.05%
Test of Sulfuric Acid	No Carbonation	Conformed
Sulphate	$\leq 0.03\%$	Conformed
Impurity	$\leq 1\%$	0.08%

Heavy Metals

Analysis Item	Specification	Result
Lead (Pb)	≤ 1 ppm	Not Detected
Arsenic (As)	≤ 1 ppm	Not Detected
Cadmium (Cd)	≤ 1 ppm	Not Detected
Mercury (Hg)	≤ 0.1 ppm	Not Detected

Note:

This information and all technical and other advice are based on Binhai's present knowledge and experience. The above results are from quality control and do not exempt the user from independent verification and suitability testing.