

Certificate of Analysis

Date of Testing: 2023-07-19 19:07:45
Date of Next Testing: 2027-07-18 19:07:45
Product Name: **Creatine monohydrate**
CAS Number: 6020-87-7
Specifications & Purity: $\geq 98\%$
Lot #: G2318482
SKU #: **C105702**
Analysis: **250693**

Parameter	Limit Values	Result
Purity(Titration by HClO ₄ (calcd.on anh.substance)	98-102 (%)	99.70%
Ignition Residue (as sulfate)	0-0.1 (%)	0.00%
Loss on drying	6-13 (%)	12.22%
Creatinine	0-0.5 (%)	0.00%
Purity(HPLC)	98-100 (%)	99.21200%
Dicyandiamide	0-0.5 (%)	0.40%
Appearance (C105702)	White to Off-White Powder	White to Off-White Powder
Clear colorless solution(50mg/ml,water)	pass	Pass
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager