

Certificate of Analysis

Date of Testing: 2023-11-30 13:18:09
Date of Next Testing: 2027-11-29 13:18:09
Product Name: **Creatine monohydrate**
CAS Number: 6020-87-7
Specifications & Purity: $\geq 98\%$
Lot #: K2317416
SKU #: **C105702**
Analysis: **292241**

Parameter	Limit Values	Result
Purity(Titration by HClO ₄ (calcd.on anh.substance)	98-102 (%)	99.36 %
Loss on drying	6-13 (%)	11.00 %
Purity(HPLC)	98-100 (%)	99.43000 %
Ignition Residue (as sulfate)	0-0.1 (%)	0.10 %
Creatinine	0-0.5 (%)	0.00 %
Dicyandiamide	0-0.5 (%)	0.48 %
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



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QA & QC Manager