

Certificate of Analysis

Date of Testing: 2024-04-02 16:51:38
Date of Next Testing: 2028-04-01 16:51:38
Product Name: **Creatine monohydrate**
CAS Number: 6020-87-7
Specifications & Purity: $\geq 98\%$
Lot #: D2401109
SKU #: **C105702**
Analysis: **330716**

Parameter	Limit Values	Result
Purity(Titration by HClO ₄ (calcd.on anh.substance)	98-102 (%)	100.83 %
Ignition Residue (as sulfate)	0-0.1 (%)	0.00 %
Loss on drying	6-13 (%)	11.76 %
Purity(HPLC)	98-100 (%)	99.83900 %
Dicyandiamide	0-0.5 (%)	0.16 %
Creatinine	0-0.5 (%)	0.05 %
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