

Shanghai Aladdin Biochemical Technology Co., LTD
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Certificate of Analysis

Date of Testing: 2024-06-11 17:34:28
Date of Next Testing: 2028-06-10 17:34:28
Product Name: **Creatine monohydrate**
CAS Number: 6020-87-7
Specifications & Purity: $\geq 98\%$
Lot #: F2401096
SKU #: **C105702**
Version: **1**
Analysis #: **352657**

Parameter	Limit Values	Result
Purity(Titration by HClO_4 (calcd.on anh.substance)	98-102 (%)	98.70000 %
Ignition Residue (as sulfate)	0-0.1 (%)	0.00000 %
Loss on drying	6-13 (%)	7.92970 %
Creatinine	0-0.5 (%)	0.00000 %
Dicyandiamide	0-0.5 (%)	0.00000 %
Purity(HPLC)	98-100 (%)	99.43300 %
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