

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-06-20 10:11:02
Date of Next Testing: 2028-06-19 10:11:02
Product Name: **Creatine monohydrate**
CAS Number: 6020-87-7
Specifications & Purity: $\geq 98\%$
Lot #: F2419259
SKU #: **C105702**
Version: **1**
Analysis #: **364364**

Parameter	Limit Values	Result
Purity(Titration by HClO ₄ (calcd.on anh.substance)	98-102 (%)	98.90%
Ignition Residue (as sulfate)	0-0.1 (%)	0.04%
Loss on drying	6-13 (%)	11.70%
Purity(HPLC)	98-100 (%)	99.32900%
Creatinine	0-0.5 (%)	0.01%
Dicyandiamide	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