

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-01-17 15:51:36  
Date of Next Testing: 2028-01-16 15:51:36  
Product Name: **Creatine monohydrate**  
CAS Number: 6020-87-7  
Specifications & Purity:  $\geq 98\%$   
Lot #: A2409225  
SKU #: **C105702**  
Analysis: **308111**

Parameter	Limit Values	Result
Purity(Titration by HClO <sub>4</sub> (calcd.on anh.substance)	98-102 (%)	100.86 %
Ignition Residue (as sulfate)	0-0.1 (%)	0.00 %
Loss on drying	6-13 (%)	10.47 %
Dicyandiamide	0-0.5 (%)	0.00 %
Purity(HPLC)	98-100 (%)	99.37000 %
Creatinine	0-0.5 (%)	0.28 %
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