

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-02-25 12:59:13  
 Date of Next Testing: 2026-02-24 12:59:13  
 Product Name: **Creatinine**  
 CAS Number: 60-27-5  
 Specifications & Purity: 99%  
 Lot #: B2223351  
 SKU #: **C108393**  
**Analysis:** **060954**  
 Storage Temperature: Store at 2-8°C, Desiccated

Parameter	Limit Values	Result
Sulfate Ash	0-0.1 (%)	0.06 %
loss on drying, 105 °C	0-0.5 (%)	0.20 %
Carbon by Elemental Analysis	41.6-43.3 (%)	42.40 %
Heavy metal (as Pb)	0-20 (ppm)	10.00 ppm
Purity(HPLC)	99-100 (%)	99.33000 %
Purity(Nonaqueous Titration)	99-101 (%)	100.00 %
creatine(TLC)	0-0.2 (%)	0.10 %
Nitrogen by Elemental Analysis	36.4-37.9 (%)	37.36 %
Appearance (C108393)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H <sub>2</sub> O , Colorless to Faint Yellow , Clear , 50 mg/ml H <sub>2</sub> O	pass	Pass



John Su  
QA & QC Manager