

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2023-08-29 11:45:27
Date of Next Testing:	2027-08-28 11:45:27
Product Name:	Creatinine
CAS Number:	60-27-5
Specifications & Purity:	99%
Lot #:	H2325056
SKU #	C108393
Analysis:	173691
Storage Temperature:	Store at 2-8°C, Desiccated

Parameter	Limit Values	Result
Sulfate Ash	0-0.1 (%)	0.04 %
loss on drying, 105 °C	0-0.5 (%)	0.12 %
Carbon by Elemental Analysis	41.6-43.3 (%)	42.29 %
Heavy metal (as Pb)	0-20 (ppm)	3.62 ppm
Purity(HPLC)	99-100 (%)	99.51400 %
Purity(Nonaqueous Titration)	99-101 (%)	99.89 %
creatinine(TLC)	0-0.2 (%)	0.14 %
Nitrogen by Elemental Analysis	36.4-37.9 (%)	37.35 %
Appearance (C108393)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
Solubility in H ₂ O , Colorless to Faint Yellow , Clear , 50 mg/ml H ₂ O	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager