

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-08-30 09:50:45  
Date of Next Testing: 2028-08-29 09:50:45  
Product Name: **Creatinine**  
CAS Number: 60-27-5  
Specifications & Purity: 99%  
Lot #: H2428263  
SKU #: **C108393**  
Version: **1**  
Analysis #: **400476**  
Storage Temperature: Store at 2-8°C, Desiccated

Parameter	Limit Values	Result
loss on drying, 105 °C	0-0.5 (%)	0.20 %
Carbon by Elemental Analysis	41.6-43.3 (%)	41.80 %
Purity(HPLC)	99-100 (%)	99.85400 %
Nitrogen by Elemental Analysis	36.4-37.9 (%)	36.89 %
Appearance (C108393)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
Solubility in H <sub>2</sub> O , Colorless to Faint Yellow , Clear , 50 mg/ml H <sub>2</sub> O	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager