

Certificate of Analysis

Date of Testing: 2022-02-25 10:03:21

Date of Next Testing: 2026-02-24 10:03:21

Product Name: **Creatinine**

CAS Number: 60-27-5

Specifications & Purity: 99%

Lot #: B2223316

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 %
creatinine(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 ₂ O , Colorless to Faint Yellow , Clear , 50 mg/ml H ₂ O	pass	Pass



John Su
QA & QC Manager