

Certificate of Analysis

Date of Testing: 2024-08-01 13:14:48
Date of Next Testing: 2028-07-31 13:14:48
Product Name: **Creatinine**
CAS Number: 60-27-5
Specifications & Purity: 99%
Lot #: G2426596
SKU #: **C108393**
Version: **0**
Analysis #: **377750**
Storage Temperature: Store at 2-8°C, Desiccated

Parameter	Limit Values	Result
Sulfate Ash	0-0.1 (%)	0.02 %
loss on drying, 105 °C	0-0.5 (%)	0.01 %
Carbon by Elemental Analysis	41.6-43.3 (%)	41.75 %
Heavy metal (as Pb)	0-20 (ppm)	1.36 ppm
Purity(HPLC)	99-100 (%)	99.90900 %
Purity(Nonaqueous Titration)	99-101 (%)	99.90 %
creatine(TLC)	0-0.2 (%)	0.03 %
Nitrogen by Elemental Analysis	36.4-37.9 (%)	37.03 %
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