

Certificate of Analysis

Date of Testing: 2022-09-21 11:36:42
Date of Next Testing: 2026-09-20 11:36:42
Product Name: **Alloxan monohydrate**
CAS Number: 2244-11-3
Specifications & Purity: 98%
Lot #: I2214111
SKU #: **A109024**
Analysis: **106849**
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.84900 %
Water by Karl Fischer	≤12.5 (%)	10.82 %
Nitrogen by Elemental Analysis	17.1-17.9 (%)	17.14 %
Carbon by Elemental Analysis	29.3-30.7 (%)	29.52 %
Appearance (A109024)	White to Yellow to Beige Powder or Crystals	White to Yellow to Beige Powder or Crystals
Solubility in H ₂ O , colorless to faint yellow clear to hazy, 50mg/ml	pass	Pass
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager