

Certificate of Analysis

Date of Testing: 2023-02-28 19:46:31

Date of Next Testing: 2027-02-27 19:46:31

Product Name: **Alloxan monohydrate**

CAS Number: 2244-11-3

Specifications & Purity: 98%

Lot #: B2324500

SKU #: **A109024**

Analysis: **064330**

Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.72900 %
Nitrogen by Elemental Analysis	17.1-17.9 (%)	17.66 %
Carbon by Elemental Analysis	29.3-30.7 (%)	30.24 %
Water by Karl Fischer	≤12.5 (%)	0.20 %
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