

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-09-21 11:41:33

Date of Next Testing: 2026-09-20 11:41:33

Product Name: **Alloxan monohydrate**

CAS Number: 2244-11-3

Specifications & Purity: $\geq 98\%$

Lot #: I2214110

SKU #: **A109024**

Version: **2**

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 (%)	10.82060 %
Nitrogen by Elemental Analysis	17.1-17.9 (%)	17.13800 %
Carbon by Elemental Analysis	29.3-30.7 (%)	29.52100 %
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