

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-02-22 11:12:03
 Date of Next Testing: 2026-02-21 11:12:03
 Product Name: **Alloxan monohydrate**
 CAS Number: 2244-11-3
 Specifications & Purity: $\geq 98\%$
 Lot #: B2219529
 SKU #: **A109024**
 Version: **2**
 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 (%)	17.66000 %
Carbon by Elemental Analysis	29.3-30.7 (%)	30.24000 %
Water by Karl Fischer	≤ 12.5 (%)	0.20260 %
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