

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-06-26 14:06:53
Date of Next Testing: 2030-06-25 14:06:53
Product Name: **Alloxan monohydrate**
CAS Number: 2244-11-3
Specifications & Purity: $\geq 98\%$
Lot #: I2214112
SKU #: **A109024**
Version: **2**
Analysis #: **725795**
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.84000 %
Nitrogen by Elemental Analysis	17.1-17.9 (%)	17.13000 %
Carbon by Elemental Analysis	29.3-30.7 (%)	29.52000 %
Water by Karl Fischer	$\leq 12.5(\%)$	10.82000 %
Appearance (A109024)	White to Yellow to Beige Powder or Crystals	White to Yellow to Beige Powder or Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , colorless to faint yellow clear to hazy, 50mg/ml	pass	Pass



John Su
QA & QC Manager