

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-07-11 11:55:42

Date of Next Testing: 2028-07-10 11:55:42

Product Name: **Alloxan monohydrate**

CAS Number: 2244-11-3

Specifications & Purity: $\geq 98\%$

Lot #: G2403085

SKU #: **A109024**

Version: **2**

Analysis #: **345240**

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

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.80000 %
Nitrogen by Elemental Analysis	17.1-17.9 (%)	17.30000 %
Carbon by Elemental Analysis	29.3-30.7 (%)	29.81000 %
Water by Karl Fischer	$\leq 12.5(\%)$	5.00000 %
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