

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-06-24 09:27:33

Date of Next Testing: 2027-06-24 09:27:33

Product Name: **Xanthosine Dihydrate**

CAS Number: 5968-90-1

Specifications & Purity: $\geq 99\%$

Lot #: F2520616

SKU #: **X137287**

Version: **0**

Analysis #: **531042**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.80000 %
Water by Karl Fischer	9-14 (%)	11.40000 %
Nitrogen(anhydrous)	19.5-20.3 (%)	19.90000 %
Carbon by Elemental Analysis(anhydrous)	41.8-43 (%)	42.10000 %
Appearance (X137287)	White to Off-White Powder	White to Off-White Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in 1M NH4OH	Colorless to light yellow, Clear, 50 mg/ml	Colorless to light yellow, Clear, 50 mg/ml



John Su
QA & QC Manager