

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing:	2025-10-14 11:25:51
Date of Next Testing:	2028-10-13 11:25:51
Product Name:	<b>Xanthine</b>
CAS Number:	69-89-6
Specifications & Purity:	UltraBio™, ≥99%
Lot #:	J2509646
SKU #	<b>X755591</b>
Version	<b>1</b>
<b>Analysis #:</b>	<b>591190</b>
Storage Temperature:	Store at 2-8°C, Protected from light

Parameter	Limit Values	Result
Residue on ignition(Ash)	0-0.1 (%)	0.00000 %
Aluminum(Al)	0-0.0005 (%)	0.00 %
Phosphorus (P)	0-0.0005 (%)	0.00 %
Lead(Pb)	0-0.001 (%)	0.00 %
Calcium(Ca)	0-0.0005 (%)	0.00 %
Magnesium(Mg)	0-0.0005 (%)	0.00 %
Sodium(Na)	0-0.005 (%)	0.00 %
Iron(Fe)	0-0.0005 (%)	0.00 %
Copper(Cu)	0-0.0005 (%)	0.00 %
Zinc(Zn)	0-0.0005 (%)	0.00 %
Potassium(K)	0-0.005 (%)	0.00 %
Ammonia (NH4)	0-0.05 (%)	0.05 %
Insoluble matter	0-0.1 (%)	0.00 %
Sulfate(SO4)	0-0.05 (%)	0.04980 %
Purity(HPLC area)	99-100 (%)	99.80 %
Appearance(X755591)	White to Light Yellow Powder	white to light yellow powder
Solubility(0.1 M solution in 1 M NaOH)Colorless to Light Yellow, Clear	Pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



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A handwritten signature in black ink that reads "John Su".

John Su  
QA & QC Manager