

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-07-10 11:08:30
Date of Next Testing: 2030-07-09 11:08:30
Product Name: **Xanthine**
CAS Number: 69-89-6
Specifications & Purity: Moligand™, ≥99.5%(HPLC)
Lot #: J2211337
SKU #: **X104265**
Version: **0**
Analysis #: **734661**
Storage Temperature: Store at 2-8°C, Protected from light

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis	36.3-37.4 (%)	36.70000 %
Water by Karl Fischer	0-2 (%)	0.13000 %
Carbon by Elemental Analysis(anhydrous)	38.9-40.1 (%)	39.60000 %
EmM Anhydrous	8.7-9.4	9.16000
Purity(HPLC)	99.5-100 (%)	99.50000 %
Appearance (X104265)	White or light yellow powder	White or light yellow powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility,colorless to faint yellow,clear(50mg/ml,1M NaOH)	pass	Pass
Wave Length,277 - 278 nm	Pass	Pass



John Su
QA & QC Manager