

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-12-01 18:00:24
Date of Next Testing: 2028-11-30 18:00:24
Product Name: **Xanthine**
CAS Number: 69-89-6
Specifications & Purity: Moligand™, ≥98%
Lot #: L2501602
SKU #: **X104264**
Version: **1**
Analysis #: **602472**
Storage Temperature: Store at 2-8°C, Protected from light

Parameter	Limit Values	Result
Loss on drying	0-1 (%)	0.50 %
Purity(HPLC)	98-100 (%)	99.60100 %
E 1 %/1 cm, 278nm pH 10	599-612	600.00
Heavy metal (as Pb)	0-0.001 (%)	0.00 %
Sulfate Ash	0-0.2 (%)	0.10 %
Appearance (X104264)	White or light yellow powder	White or light yellow powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in 1 M NaOH , Faint Yellow to Light Green, Clear to Hazy, 50 mg/ml	pass	Pass



John Su
QA & QC Manager