

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-11-19 14:57:07

Date of Next Testing: 2028-11-18 14:57:07

Product Name: **Xanthine**

CAS Number: 69-89-6

Specifications & Purity: Moligand™, ≥98%

Lot #: K2518705

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 (%)	0.50000 %
Purity(HPLC)	98-100 (%)	99.60100 %
E 1 %/1 cm, 278nm pH 10	599-612	600.00000
Heavy metal (as Pb)	0-0.001 (%)	0.00025 %
Sulfate Ash	0-0.2 (%)	0.10000 %
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