

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-08-17 15:49:27

Date of Next Testing: 2029-08-16 15:49:27

Product Name: **Xanthine**

CAS Number: 69-89-6

Grades & Purity: Moligand™, ≥98%

Lot #: H2612499

SKU #: **X104264**

Version: **1**

Analysis #: **747738**

Storage Temperature: Store at 2-8°C, Protected from light

Parameter	Limit Values	Result
Loss on drying	0-1 (%)	0.23500 %
Purity(HPLC)	98-100 (%)	99.56500 %
E 1 %/1 cm, 278nm pH 10	599-612	604.52800
Heavy metal (as Pb)	0-0.001 (%)	0.00100 %
Sulfate Ash	0-0.2 (%)	0.01000 %
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