

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-12-07 09:15:12  
Date of Next Testing: 2028-12-06 09:15:12  
Product Name: **Guanine**  
CAS Number: 73-40-5  
Specifications & Purity: Moligand™, ≥99%  
Lot #: L2404469  
SKU #: **G104274**  
Version: **1**  
Analysis #: **437531**  
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.84100 %
Appearance (G104274)	White to Yellow Powder	White to Yellow Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in 5M HCl,c=25 mg/ml	Colorless to Yellow-Green Clear to hazy	Colorless to Yellow-Green Clear to hazy
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager