

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-01-15 14:59:02

Date of Next Testing: 2028-01-14 14:59:02

Product Name: **Guanine**

CAS Number: 73-40-5

Specifications &amp; Purity: 99%

Lot #: A2405490

SKU #: **G104274****Analysis:** **308811**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(Titration by HClO <sub>4</sub> )	98.5-101.5 (%)	100.35 %
Purity(HPLC)	99-100 (%)	99.91500 %
Appearance (G104274)	White to Yellow Powder	White to Yellow Powder
Infrared 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
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

John Su  
QA & QC Manager