

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-11-02 13:35:54

Date of Next Testing: 2027-11-01 13:35:54

Product Name: **Guanine**

CAS Number: 73-40-5

Specifications & Purity: 99%

Lot #: J2327265

SKU #: **G104274****Analysis: 078699**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(Titration by HClO ₄)	98.5-101.5 (%)	100.50 %
Purity(HPLC)	99-100 (%)	99.88800 %
Appearance (G104274)	White to Yellow Powder	White to Yellow Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
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

John Su
QA & QC Manager