

Certificate of Analysis

Date of Testing: 2024-07-03 11:35:42
Date of Next Testing: 2028-07-02 11:35:42
Product Name: **Guanine**
CAS Number: 73-40-5
Specifications & Purity: 99%
Lot #: F2424231
SKU #: **G104274**
Version: **0**
Analysis #: **348272**
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(Titration by HClO ₄)	98.5-101.5 (%)	98.60 %
Purity(HPLC)	99-100 (%)	99.97300 %
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



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QA & QC Manager