

Certificate of Analysis

Date of Testing: 2024-08-21 10:45:16

Date of Next Testing: 2028-08-20 10:45:16

Product Name: **1,3-Dimethyluric acid**

CAS Number: 944-73-0

Specifications & Purity: 98%

Lot #: K2009302

SKU #: **D123032**

Version: **0**

Analysis #: **401972**

Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Carbon by Elemental Analysis	41.5-43 (%)	42.53 %
Nitrogen by Elemental Analysis	27.5-29 (%)	28.67 %
Oxygen by Elemental Analysis	23.5-24.5 (%)	23.90 %
Purity(HPLC)	98-100 (%)	98.13000 %
Appearance (D123032)	White to Off-White Powder	White to Off-White Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in 1M NH4OH	Colorless to light yellow, Clear, 50 mg/ml	Colorless to light yellow, Clear, 50 mg/ml



John Su
QA & QC Manager