

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-02-15 10:33:23

Date of Next Testing: 2027-02-14 10:33:23

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

CAS Number: 944-73-0

Specifications & Purity: $\geq 98\%$

Lot #: B2308822

SKU #: **D123032**

Version: **0**

Analysis #: **132690**

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

Parameter	Limit Values	Result
Carbon by Elemental Analysis	41.5-43 (%)	42.50900 %
Nitrogen by Elemental Analysis	27.5-29 (%)	28.51600 %
Oxygen by Elemental Analysis	23.5-24.5 (%)	23.61000 %
Purity(HPLC)	98-100 (%)	99.96100 %
Appearance (D123032)	White to Off-White Powder	White to Off-White Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in 1M NH ₄ OH	Colorless to light yellow, Clear, 50 mg/ml	Colorless to light yellow, Clear, 50 mg/ml
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager