

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-09-02 11:31:43
 Date of Next Testing: 2026-09-01 11:31:43
 Product Name: **1,3-Dimethyluric acid**
 CAS Number: 944-73-0
 Specifications & Purity: $\geq 98\%$
 Lot #: H2229619
 SKU #: **D123032**
 Version: **0**
 Analysis #: **130888**
 Storage Temperature: Store at -20°C , Argon charged

Parameter	Limit Values	Result
Carbon by Elemental Analysis	41.5-43 (%)	42.55000 %
Nitrogen by Elemental Analysis	27.5-29 (%)	28.70000 %
Oxygen by Elemental Analysis	23.5-24.5 (%)	23.91000 %
Purity(HPLC)	98-100 (%)	98.13200 %
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 NH ₄ OH	Colorless to light yellow, Clear, 50 mg/ml	Colorless to light yellow, Clear, 50 mg/ml



John Su
 QA & QC Manager