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ALADDIN SCIENTIFIC CORPORATION
14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2025-12-20 08:42:02
Date of Next Testing:	2029-12-19 08:42:02
Product Name:	**1,3-Dimethylbarbituric acid**
CAS Number:	769-42-6
Specifications & Purity:	≥99%
Lot #:	L2518019
SKU #	**D106283**
Version	**1**
Analysis #:	**548380**
Storage Temperature:	Room temperature

Parameter	**Limit Values**	**Result**
Purity (Titration by NaOH)	98.5-101.5（%）	99.12000 %
Ignition Residue	0-0.1（%）	0.09068 %
Melting point	122-125（℃）	123.96000 ℃
Appearance（D106283)	white to pale yellow Powder, Crystals and/or Chunk	white to pale yellow Powder, Crystals and/or Chunk
Solubility in hot H2O，Clear, Colorless to Faint Yellow,0.5g in 10mL	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure

John Su
QA & QC Manager