

Certificate of Analysis

Date of Testing: 2024-06-05 15:03:35

Date of Next Testing: 2028-06-04 15:03:35

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

CAS Number: 769-42-6

Specifications & Purity: $\geq 99\%$

Lot #: E2430261

SKU #: **D106283**

Version: **1**

Analysis #: **349883**

Parameter	Limit Values	Result
Ignition Residue	0-0.1 (%)	0.00 %
Melting point	122-125 (°C)	124.46000 °C
Purity (Titration by NaOH)	98.5-101.5 (%)	100.37 %
Appearance (D106283)	white to pale yellow Powder, Crystals and/or Chunk	white to pale yellow Powder, Crystals and/or Chunk
Solubility in hot H ₂ O , Clear, Colorless to Faint pass Yellow,0.5g in 10mL		Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager