

Certificate of Analysis

Date of Testing: 2022-09-23 11:40:03
Date of Next Testing: 2026-09-22 11:40:03
Product Name: **1,3-Dimethylbarbituric acid**
CAS Number: 769-42-6
Specifications & Purity: 99%
Lot #: I2220304
SKU #: **D106283**
Analysis: **100065**

Parameter	Limit Values	Result
Purity (Titration by NaOH)	99-101 (%)	99.85 %
Melting point	122-125 (°C)	124.16000 °C
Purity(GC)	99-100 (%)	99.05 %
Ignition Residue	0-0.1 (%)	0.00 %
Appearance (D106283)	white to pale yellow Powder, Crystals and/or Chunk	white to pale yellow Powder, Crystals and/or Chunk
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in hot H ₂ O , Clear, Colorless to Faint pass Yellow,0.5g in 10mL		Pass



John Su
QA & QC Manager