

CERTIFICATE OF ANALYSIS

PRODUCT NAME: 1,3-Dimethylbarbituric acid,99%

ITEM NUMBER: D106283
BRAND: Aladdin
CAS NUMBER: 769-42-6
MDL NUMBER: MFCD00006675
FORMULA: C₆H₈N₂O₃
MOLECULAR WEIGHT: 156.14

TEST	SPECIFICATION		TARGET VALUE
	MIN.	MAX.	
Appearance	white to pale yellow Powder, Crystals and/or Chunk		
Infrared spectrum	Conforms to Structure		
Melting point	122 ° C	125 ° C	125 ° C
Purity (GC)	99 %	100 %	100 %
Purity(titration with NaOH)	99 %	101 %	101 %
residue on ignition	0 %	0.1 %	0.1 %
Solubility in hot Water	Clear, Colorless to Faint Yellow,0.5g in 10mL		