

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-12-24 16:51:55
 Date of Next Testing: 2029-12-23 16:51:55
 Product Name: **1-Methyl-3-nitroguanidine**
 CAS Number: 4245-76-5
 Specifications & Purity: $\geq 98\%$, ~25%water
 Lot #: L2515252
 SKU #: **M102350**
 Version: **0**
 Analysis #: **374534**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(NonaqueousTitration)(As drybase)	98-102 (%)	98.08000 %
Loss on drying	0-5 (%)	1.35000 %
Melting point	158-162 (°C)	161.70000 °C
Infrared spectrum	Conforms to Structure	Conforms to Structure
Appearance (M102350)	White Powder, Crystals and/or Chunks	White Powder, Crystals and/or Chunks
Solubility in hot H2O , very faint turbidity	pass	Pass



John Su
QA & QC Manager