

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-09-21 09:57:00
 Date of Next Testing: 2028-09-20 09:57:00
 Product Name: **Dimethylglyoxime(DMG)**
 CAS Number: 95-45-4
 Specifications & Purity: AR, ≥98%
 Lot #: I2413453
 SKU #: **D111833**
 Version: **0**
 Analysis #: **399505**
 Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.20400 %
Nitrogen by Elemental Analysis	23.8-24.4 (%)	24.13800 %
Carbon by Elemental Analysis	40.9-41.8 (%)	41.22500 %
Melting point	238-242 (°C)	241.97000 °C
Ignition Residue	0-0.05 (%)	0.03899 %
Appearance (D111833)	White to Off-White Powder or Solid or Chunks	White to Off-White Powder or Solid or Chunks
Solubility in EtOH , almost transparency	almost transparency	almost transparency
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager