

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-11-10 09:49:13
 Date of Next Testing: 2027-11-09 09:49:13
 Product Name: **Dimethylglyoxime(DMG)**
 CAS Number: 95-45-4
 Specifications & Purity: AR, ≥98%
 Lot #: K2302310
 SKU #: **D111833**
 Version: **0**
 Analysis #: **286261**
 Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.24400 %
Nitrogen by Elemental Analysis	23.8-24.4 (%)	23.90500 %
Carbon by Elemental Analysis	40.9-41.8 (%)	41.12600 %
Ignition Residue	0-0.05 (%)	0.03000 %
Melting point	238-242 (°C)	241.97000 °C
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