

ALADDIN SCIENTIFIC CORPORATION  
14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-10-15 17:23:48  
Date of Next Testing: 2027-10-05 17:23:48  
Product Name: **Methylglyoxal**  
CAS Number: 78-98-8  
Specifications & Purity: Moligand™, 40% solution  
Lot #: J2514018  
SKU #: **M109035**  
Version: **0**  
Analysis #: **592138**  
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity (Titration by Hydroxylamine)	35-45 (%)	35.02000 %
Density (25°C)	1.155-1.19	1.15900
Refractive index n <sub>20</sub> /D	1.39-1.42	1.39400
Appearance (M109035)	Yellow to dark brown liquid	Yellow to dark brown liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager