

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-11-10 18:05:20  
 Date of Next Testing: 2029-11-09 18:05:20  
 Product Name: **N,O-Dimethylhydroxylamine Hydrochloride**  
 CAS Number: 6638-79-5  
 Specifications & Purity:  $\geq 98\%$   
 Lot #: K2506348  
 SKU #: **D123576**  
 Version: **0**  
 Analysis #: **382332**  
 Storage Temperature: Room temperature, Argon charged

| Parameter                                                                   | Limit Values                                  | Result                                        |
|-----------------------------------------------------------------------------|-----------------------------------------------|-----------------------------------------------|
| Purity(Titration by AgNO <sub>3</sub> )                                     | 97.5-102.5 (%)                                | 98.00000 %                                    |
| Melting point                                                               | 113-117 (°C)                                  | 113.10000 °C                                  |
| Appearance (D123576)                                                        | White to Off-White Solid, Powder, or Crystals | White to Off-White Solid, Powder, or Crystals |
| Infrared spectrum                                                           | Conforms to Structure                         | Conforms to Structure                         |
| Proton NMR spectrum                                                         | Conforms to Structure                         | Conforms to Structure                         |
| Solubility in H <sub>2</sub> O , Clear, Colorless to Very Faint Yellow, 10% | pass                                          | Pass                                          |



John Su  
QA & QC Manager