

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-01-31 15:14:38  
 Date of Next Testing: 2028-01-30 15:14:38  
 Product Name: **4-Methyl-3-thiosemicarbazide**  
 CAS Number: 6610-29-3  
 Specifications & Purity:  $\geq 90\%$   
 Lot #: A2422112  
 SKU #: **M598528**  
 Version: **1**  
 Analysis #: **306635**  
 Storage Temperature: Room temperature

| Parameter           | Limit Values                                                                   | Result                                                                         |
|---------------------|--------------------------------------------------------------------------------|--------------------------------------------------------------------------------|
| Purity(HPLC area)   | 90-100 (%)                                                                     | 98.72500 %                                                                     |
| Melting point       | 134-138 (°C)                                                                   | 136.31000 °C                                                                   |
| Appearance(M598528) | White to Off-white to Light Yellow to Light Grey<br>Powder to Crystal or Chips | White to Off-white to Light Yellow to Light Grey<br>Powder to Crystal or Chips |
| Proton NMR spectrum | Conforms to Structure                                                          | Conforms to Structure                                                          |



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QA & QC Manager