

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-01-31 15:09:29

Date of Next Testing: 2028-01-30 15:09:29

Product Name: **4-Methyl-3-thiosemicarbazide**

CAS Number: 6610-29-3

Specifications & Purity: 90%

Lot #: A2422111

SKU #: **M598528**

Analysis: **306635**

| Parameter           | Limit Values                                                                   | Result                                                                         |
|---------------------|--------------------------------------------------------------------------------|--------------------------------------------------------------------------------|
| Purity(HPLC area)   | 90-100 (%)                                                                     | 98.72 %                                                                        |
| 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                                                          |

A handwritten signature in black ink that reads "John Su".

John Su  
QA & QC Manager