

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-04-03 16:16:09

Date of Next Testing: 2029-04-02 16:16:09

Product Name: **2-Mercapto-1-methylimidazole**

CAS Number: 60-56-0

Specifications & Purity: Moligand™, ≥98%

Lot #: D2501042

SKU #: **M106466**

Version: **0**

Analysis #: **240268**

Storage Temperature: Argon charged

| Parameter            | Limit Values                                                | Result                                                      |
|----------------------|-------------------------------------------------------------|-------------------------------------------------------------|
| Melting point        | 141-148 (°C)                                                | 145.64000 °C                                                |
| Purity(HPLC)         | 98-100 (%)                                                  | 99.53800 %                                                  |
| Appearance (M106466) | White to Off-White Powder or crystals or crystalline powder | White to Off-White Powder or Crystals or crystalline powder |
| Proton NMR spectrum  | Conforms to Structure                                       | Conforms to Structure                                       |

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

John Su  
QA & QC Manager