

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-09-11 18:17:32

Date of Next Testing: 2030-09-10 18:17:32

Product Name: **2-Iminothiolane hydrochloride**

CAS Number: 4781-83-3

Grades & Purity:  $\geq 98\%$

Lot #: I2610604

SKU #: **I106793**

Version: **1**

Analysis #: **761246**

Storage Temperature: Store at 2-8°C, Argon charged

| Parameter                                                                             | Limit Values                          | Result                                |
|---------------------------------------------------------------------------------------|---------------------------------------|---------------------------------------|
| Melting point                                                                         | 198-201 (°C)                          | 198.70000 °C                          |
| Purity(HPLC)                                                                          | 98-100 (%)                            | 98.59900 %                            |
| Free sulfhydryl groups                                                                | 0-5 (%)                               | 1.20000 %                             |
| Appearance (I106793)                                                                  | White to Off-White Powder or Crystals | White to Off-White Powder or Crystals |
| Solubility in H <sub>2</sub> O , Colorless to yellow, clear to slightly hazy 100mg/ml | pass                                  | Pass                                  |
| Proton NMR spectrum                                                                   | Conforms to Structure                 | Conforms to Structure                 |



John Su  
QA & QC Manager