

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-05-15 15:34:20

Date of Next Testing: 2027-05-14 15:34:20

Product Name: **2-Iminothiolane hydrochloride**

CAS Number: 4781-83-3

Specifications & Purity: $\geq 95\%$

Lot #: E2310272

SKU #: **I492458**

Version: **3**

Analysis #: **223793**

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

Parameter	Limit Values	Result
Melting point	198-201 (°C)	198.01000 °C
Free sulfhydryl groups	0-5 (%)	4.90000 %
Purity(HPLC)	95-100 (%)	95.18800 %
Appearance(I492458)	White to Off-White Powder	White to Off-White Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Colorless to yellow, clear to slightly hazy 100mg/ml	pass	Pass



John Su
QA & QC Manager