

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-07-02 14:34:11
Date of Next Testing: 2028-07-01 14:34:11
Product Name: **2-Iminothiolane hydrochloride**
CAS Number: 4781-83-3
Specifications & Purity: 95%
Lot #: F2425422
SKU #: **I492458**
Version: **3**
Analysis #: **338752**
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	95-100 (%)	95.54800 %
Melting point	198-201 (°C)	198.04000 °C
Free sulfhydryl groups	0-5 (%)	4.50 %
Appearance(I492458)	White to Light yellow powder to crystal	White to Light yellow powder to crystal
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