

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-03-15 16:02:40
Date of Next Testing: 2028-03-14 16:02:40
Product Name: **2-Iminothiolane hydrochloride**
CAS Number: 4781-83-3
Specifications & Purity: 95%
Lot #: C2407133
SKU #: **I492458**
Analysis: **331865**
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Melting point	198-201 (°C)	200.19000 °C
Free sulfhydryl groups	0-5 (%)	4.51 %
Purity(HPLC)	95-100 (%)	95.01200 %
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