

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-07-10 08:55:20
 Date of Next Testing: 2029-07-09 08:55:20
 Product Name: **2-Iminothiolane hydrochloride**
 CAS Number: 4781-83-3
 Specifications & Purity: $\geq 95\%$
 Lot #: G2507041
 SKU #: **I492458**
 Version: **3**
 Analysis #: **345105**
 Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Melting point	198-201 (°C)	199.52000 °C
Free sulfhydryl groups	0-5 (%)	4.50000 %
Purity(HPLC)	95-100 (%)	97.41200 %
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