

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-12-17 09:27:32
Date of Next Testing: 2029-12-16 09:27:32
Product Name: **2-Iminothiolane hydrochloride**
CAS Number: 4781-83-3
Specifications & Purity: $\geq 98\%$
Lot #: L2509015
SKU #: **I106793**
Version: **1**
Analysis #: **440315**
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Melting point	198-201 (°C)	198.74000 °C
Free sulfhydryl groups	0-5 (%)	4.80000 %
Purity(HPLC)	98-100 (%)	99.93000 %
Appearance (I106793)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
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