

Certificate of Analysis

Date of Testing: 2024-04-12 15:59:25

Date of Next Testing: 2028-04-11 15:59:25

Product Name: **2-Iminothiolane hydrochloride**

CAS Number: 4781-83-3

Specifications & Purity: $\geq 95\%$

Lot #: C2430091

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 (%)	4.50 %
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