

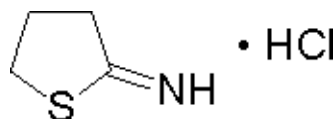
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## Product Specification

Product Name:  
2-Iminothiolane hydrochloride - ≥98% (TLC), powder

**Product Number:** I6256  
**CAS Number:** 4781-83-3  
**MDL:** MFCD00039013  
**Formula:** C<sub>4</sub>H<sub>7</sub>NS · HCl  
**Formula Weight:** 137.63 g/mol  
**Storage Temperature:** 2 - 8 °C



### TEST

### Specification

Appearance (Color)	White to Off-White
Appearance (Form)	Powder
Solubility (Color)	Colorless to Faint Yellow
Solubility (Turbidity)	Clear to Hazy
100 mg/mL, H <sub>2</sub> O	
Proton NMR spectrum	Conforms to Structure
Free SH Content	≤ 5 %
Purity (TLC)	≥ 98 %
Recommended Retest Period	-----
4 years	

Specification: PRD.0.ZQ5.10000037337

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at [Sigma-Aldrich.com](http://Sigma-Aldrich.com). For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.