

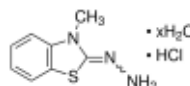
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## Product Specification

Product Name:  
3-Methyl-2-benzothiazolinone hydrazone hydrochloride hydrate - 97%

Product Number: **129739**  
CAS Number: 149022-15-1  
MDL: MFCD00149370  
Formula: C<sub>8</sub>H<sub>9</sub>N<sub>3</sub>S · HCl · xH<sub>2</sub>O  
Formula Weight: 215.70 g/mol



TEST	Specification
Appearance (Color)	White to Light Yellow
Appearance (Form)	Conforms to Requirements
Crystals, Crystalline Powder or Powder	
Infrared Spectrum	Conforms to Structure
Titration by AgNO <sub>3</sub>	96.5 - 103.5 %
Dried Basis	
Purity (HPLC)	≥ 96.5 %
Solubility (Turbidity)	Clear to Hazy
Solubility (Color)	Colorless to Light Yellow
Solubility Concentration: 50 mg/mL, H <sub>2</sub> O	
Loss on Drying	
140 Degrees C, 2 hrs, 90 mm HG	
Specification: Report Only	

Specification: PRD.0.ZQ5.10000054553

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.