

## Certificate of Analysis

Date of Testing: 2023-04-28 15:14:01  
Date of Next Testing: 2026-04-27 15:14:01  
Product Name: **3-Methyl-2-benzothiazolinone hydrazone hydrochloride monohydrate**  
CAS Number: 38894-11-0  
Specifications & Purity: Analytical Reagent,98.0%  
Lot #: D23231198  
SKU #: **M109065**  
**Analysis:** **201144**  
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.04000 %
Loss on drying	0-8 (%)	2.94 %
Purity(Argentmetric Titration)(calcd.on anh.substance)	97.5-102.5 (%)	100.77 %
Appearance (M109065)	Off-White to Pale Yellow Crystals,Powder or Flakes	Off-White to Pale Yellow Crystals,Powder or Flakes
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Suitability for Aldehyde-analysis	pass	Pass



John Su  
QA & QC Manager