

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-12-12 13:54:50
 Date of Next Testing: 2028-12-11 13:54:50
 Product Name: **3-Methyl-2-benzothiazolinone hydrazone hydrochloride monohydrate**
 CAS Number: 38894-11-0
 Specifications & Purity: AR, ≥98%
 Lot #: L2510044
 SKU #: **M109065**
 Version: **0**
 Analysis #: **473250**
 Storage Temperature: Store at 2-8°C, Protected from light

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.91800 %
Loss on drying	0-8 (%)	4.33646 %
Purity(Argentmetric Titration)(calcd.on anh.substance)	97.5-102.5 (%)	102.48000 %
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