

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-07-08 17:18:07  
Date of Next Testing: 2027-07-07 17:18:07  
Product Name: **3-Methyl-2-benzothiazolinonehydrazone Hydrochloride**  
CAS Number: 4338-98-1  
Specifications & Purity: >98.0%(HPLC)(T)  
Lot #: G23041027  
SKU #: **M158208**  
Analysis: **188082**

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.92300 %
Loss on drying	0-2 (%)	1.12 %
Purity(Titration by AgNO <sub>3</sub> )	97.5-102.5 (%)	99.16 %
Appearance (M158208)	White to Pale Reddish-Yellow Crystal or Powder	White to Pale Reddish-Yellow Crystal or Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager