

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-03-03 17:45:38  
Date of Next Testing: 2027-03-02 17:45:38  
Product Name: **MBTH hydrochloride hydrate**  
CAS Number: 149022-15-1  
Specifications & Purity: 98%  
Lot #: B2327579  
SKU #: **M106733**  
**Analysis: 181311**

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.71800 %
Purity(Titration by AgNO <sub>3</sub> )	97.5-102.5 (%)	100.82 %
Loss on drying	0-9 (%)	3.06 %
Appearance (M106733)	White to Light Yellow Powder or Crystals	White to Light Yellow Powder or Crystals
Solubility in H <sub>2</sub> O , 50 mg/mL, H <sub>2</sub> O pass		Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager