

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-02-06 18:43:58  
Date of Next Testing: 2027-02-05 18:43:58  
Product Name: **MBTH hydrochloride hydrate**  
CAS Number: 149022-15-1  
Specifications & Purity: 98%  
Lot #: A2331118  
SKU #: **M106733**  
Analysis: **160445**

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.04900%
Purity(Titration by AgNO <sub>3</sub> )	97.5-102.5 (%)	99.90%
Loss on drying	0-9 (%)	2.46%
Appearance (M106733)	White to Light Yellow Powder or Crystals	White to Light Yellow Powder or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H <sub>2</sub> O , 50 mg/mL, H <sub>2</sub> O pass		Pass



John Su  
QA & QC Manager