

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-02-27 13:28:51

Date of Next Testing: 2029-02-26 13:28:51

Product Name: **MBTH hydrochloride hydrate**

CAS Number: 149022-15-1

Specifications & Purity:  $\geq 98\%$

Lot #: B2524212

SKU #: **M106733**

Version: **0**

Analysis #: **440143**

Storage Temperature: Protected from light, Room temperature

| Parameter                                                        | Limit Values                             | Result                                   |
|------------------------------------------------------------------|------------------------------------------|------------------------------------------|
| Purity(HPLC)                                                     | 98-100 (%)                               | 100.00000 %                              |
| Purity(Titration by AgNO <sub>3</sub> )                          | 97.5-102.5 (%)                           | 100.73500 %                              |
| Loss on drying                                                   | 0-9 (%)                                  | 4.61969 %                                |
| 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                    |



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