

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-12-23 17:59:14

Date of Next Testing: 2027-12-13 17:59:14

Product Name: **Boron trifluoride-methanol(BF-M)**

CAS Number: 373-57-9

Specifications & Purity: 14 wt.% in methanol

Lot #: L2515555

SKU #: **B140671**

Version: **0**

Analysis #: **617181**

Storage Temperature: Store at 2-8°C, Argon charged

| Parameter                                           | Limit Values              | Result                    |
|-----------------------------------------------------|---------------------------|---------------------------|
| Purity (Titration by NaOH)                          | 12-16 (%)                 | 15.43000 %                |
| Boron(B)                                            | 19.1-25.5 (g/L)           | 20.18000 g/L              |
| Appearance (B140671)                                | colorless to amber liquid | colorless to amber liquid |
| Suitable for Preparing Methyl Esters of Fatty Acids | Pass                      | Pass                      |
| Solvent(Methanol)                                   | Conform                   | Conform                   |



John Su  
QA & QC Manager