

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-06-10 13:44:40

Date of Next Testing: 2028-06-09 13:44:40

Product Name: **Boron trifluoride diethyl etherate**

CAS Number: 109-63-7

Specifications & Purity: for synthesis

Lot #: E2526027

SKU #: **B431395**

Version: **1**

Analysis #: **527451**

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

| Parameter                                          | Limit Values                                                                 | Result                                                                       |
|----------------------------------------------------|------------------------------------------------------------------------------|------------------------------------------------------------------------------|
| Purity (% BF <sub>3</sub> )<br>(Titration by NaOH) | 46-51 (%)                                                                    | 46.50 %                                                                      |
| Appearance(B431395)                                | Colorless to Very Dark Yellow and Colorless to Very Dark Brown-Yellow Liquid | Colorless to Very Dark Yellow and Colorless to Very Dark Brown-Yellow Liquid |
| Infrared spectrum                                  | Conforms to Structure                                                        | Conforms to Structure                                                        |



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QA & QC Manager