

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-10-31 12:37:45

Date of Next Testing: 2028-10-30 12:37:45

Product Name: **Boron trifluoride diethyl etherate**

CAS Number: 109-63-7

Specifications & Purity: BF3 46.5%

Lot #: J2424407

SKU #: **B104430**

Version: **1**

Analysis #: **429127**

Storage Temperature: Store at 2-8°C, Protected from light, Argon charged, Desiccated

| Parameter                           | Limit Values               | Result                     |
|-------------------------------------|----------------------------|----------------------------|
| Purity (% BF3) (Titration by NaOH)  | 46-50 (%)                  | 46.50000 %                 |
| Refractive index n <sub>20</sub> /D | 1.343-1.345                | 1.34350                    |
| Appearance (B104430)                | Colorless to Yellow Liquid | Colorless to Yellow Liquid |
| Infrared spectrum                   | Conforms to Structure      | Conforms to Structure      |



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QA & QC Manager