

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-01-30 16:58:25  
 Date of Next Testing: 2030-01-29 16:58:25  
 Product Name: **Boron trifluoride diethyl etherate**  
 CAS Number: 109-63-7  
 Specifications & Purity:  $\geq 98\%$   
 Lot #: A2621256  
 SKU #: **B104431**  
 Version: **0**  
 Analysis #: **639108**  
 Storage Temperature: Store at 2-8°C, Argon charged, Desiccated

| Parameter                          | Limit Values                                  | Result                                        |
|------------------------------------|-----------------------------------------------|-----------------------------------------------|
| Purity(Gravimetric Method)         | 98-102 (%)                                    | 99.71000 %                                    |
| Density (20°C)                     | 1.125-1.132                                   | 1.12600                                       |
| Refractive index n <sub>20/D</sub> | 1.343-1.347                                   | 1.34350                                       |
| Appearance (B104431)               | Colorless to Dark Yellow or Dark Brown Liquid | Colorless to Dark Yellow or Dark Brown Liquid |
| Infrared spectrum                  | Conforms to Structure                         | Conforms to Structure                         |



John Su  
QA & QC Manager