

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-01-28 17:45:46  
Date of Next Testing: 2030-01-27 17:45:46  
Product Name: **Boron trifluoride diethyl etherate**  
CAS Number: 109-63-7  
Specifications & Purity:  $\geq 98\%$   
Lot #: A2621249  
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 (%)	99.71%
Density (20°C)	1.125-1.132	1.13
Refractive index n <sub>20</sub> /D	1.343-1.347	1.34
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