

ALADDIN SCIENTIFIC CORPORATION  
14078 Meridian Parkway, Riverside, CA. 92518

### Certificate of Analysis

Date of Testing: 2026-01-28 17:46:54  
Date of Next Testing: 2030-01-27 17:46:54  
Product Name: **Boron trifluoride diethyl etherate**  
CAS Number: 109-63-7  
Specifications & Purity: BF3 46.5%  
Lot #: A2621314  
SKU #: **B104430**  
Version: **1**  
Analysis #: **653086**  
Storage Temperature: Store at 2-8°C, Protected from light, Argon charged, Desiccated

Parameter	Limit Values	Result
Refractive index n <sub>20</sub> /D	1.343-1.347	1.34350
Purity (% BF <sub>3</sub> ) (Titration by NaOH)	46-50 (%)	47.64000 %
Appearance (B104430)	Colorless to Yellow Liquid	Colorless to Yellow Liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager