

## Certificate of Analysis

Date of Testing: 2022-10-18 16:53:04  
Date of Next Testing: 2026-10-17 16:53:04  
Product Name: **Boron trifluoride diethyl etherate**  
CAS Number: 109-63-7  
Specifications & Purity: BF3 46.5%  
Lot #: J2210172  
SKU #: **B104430**  
**Analysis:** **145596**  
Storage Temperature: Store at 2-8°C, Protected from light, Argon charged, Desiccated

Parameter	Limit Values	Result
Purity (% BF3) (Titration by NaOH)	46-50 (%)	48.00 %
Refractive index n <sub>20</sub> /D	1.343-1.345	1.34
Appearance (B104430)	Colorless to Yellow Liquid	Colorless to Yellow Liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager