

## Certificate of Analysis

Date of Testing: 2023-03-14 05:53:45  
Date of Next Testing: 2027-03-13 05:53:45  
Product Name: **Boron trifluoride diethyl etherate**  
CAS Number: 109-63-7  
Specifications & Purity: 98%  
Lot #: C2310636  
SKU #: **B104431**  
**Analysis:** **200995**  
Storage Temperature: Store at 2-8°C, Argon charged, Desiccated

Parameter	Limit Values	Result
Density (20°C)	1.125-1.132	1.13
Refractive index n <sub>20</sub> /D	1.343-1.347	1.34
Purity(Gravimetric Method)	98-102 (%)	98.00 %
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