

## Certificate of Analysis

Date of Testing: 2024-03-18 14:34:03  
Date of Next Testing: 2027-03-18 14:34:03  
Product Name: **Boron trifluoride diethyl etherate**  
CAS Number: 109-63-7  
Specifications & Purity: for synthesis  
Lot #: C2412059  
SKU #: **B431395**  
Version: **1**  
Analysis #: **212753**  
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity (% BF <sub>3</sub> ) (Titration by NaOH)	46-51 (%)	50.39%
Appearance(B431395)	Colorless to Very Dark Yellow and Colorless to Very Dark Brown-Yellow Liquid	Colorless to Very Dark Yellow and Colorless to Very Dark Brown-Yellow Liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager