

Certificate of Analysis

Date of Testing:	2024-09-12 17:50:06
Date of Next Testing:	2027-09-12 17:50:06
Product Name:	Boron trifluoride diethyl etherate
CAS Number:	109-63-7
Specifications & Purity:	Distillation grade, ≥46.5% BF ₃ basis
Lot #:	I2406304
SKU #	B431394
Version	1
Analysis #:	404298
Storage Temperature:	Store at 2-8°C

Parameter	Limit Values	Result
Assay(BF ₃ , Titration with NaOH)	46.5-51.5 (%)	47.30000 %
Color test (APHA)	0-30 (APHA)	0.00 APHA
Appearance(B431394)	Colorless to Very Faint Yellow Liquid	Colorless to Very Faint Yellow Liquid
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure
Fluorine NMR Spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager