

## Certificate of Analysis

Date of Testing: 2023-02-07 14:14:05  
Date of Next Testing: 2027-02-06 14:14:05  
Product Name: **Iron trifluoromethanesulfonate**  
CAS Number: 63295-48-7  
Specifications & Purity: 90%  
Lot #: B2302802  
SKU #: **I140973**  
**Analysis:** **164865**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Sulfur by Elemental Analysis(Anhydrous)	16.2-21 (%)	16.60 %
Carbon by Elemental Analysis(anhydrous)	5.4-7.8 (%)	6.75 %
Purity(Titration by Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> )	88-112 (%)	88.16 %
Appearance (I140973)	White to Light Yellow Powder or Crystals	White to Light Yellow Powder or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager