

## Certificate of Analysis

Date of Testing: 2022-10-11 18:48:04  
Date of Next Testing: 2026-10-10 18:48:04  
Product Name: **Iron trifluoromethanesulfonate**  
CAS Number: 59163-91-6  
Specifications & Purity: 95%  
Lot #: J2210283  
SKU #: **I101038**  
**Analysis:** **142780**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
FeCl <sub>2</sub> (Titration by AgNO <sub>3</sub> ) 0-5 (%)		4.06 %
Carbon by Elemental Analysis	5.8-7.8 (%)	6.28 %
Sulfur by Elemental Analysis	15.4-20.8 (%)	16.93 %
Iron(Fe) Assay	14.5-16.5 (%) 95-102.5 (%)	16.23 % 95.94 %
Appearance (I101038)	White to grey to purple, brwon powder or crystals	White to grey to purple, brwon powder or crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager