

Certificate of Analysis

Date of Testing: 2023-03-13 20:20:31

Date of Next Testing: 2027-03-12 20:20:31

Product Name: **Iron trifluoromethanesulfonate**

CAS Number: 59163-91-6

Specifications & Purity: 95%

Lot #: C23081204

SKU #: **I101038**

Analysis: **187760**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Carbon by Elemental Analysis	5.8-7.8 (%)	6.75 %
Sulfur by Elemental Analysis	15.4-20.8 (%)	16.29 %
Assay	95-102.5 (%)	101.69 %
FeCl ₂ (Titration by AgNO ₃)	0-5 (%)	2.55 %
Iron(Fe)	14.5-16.5 (%)	14.51 %
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