SIGMA-ALDRICH®

sigma-aldrich.com

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Product Specification

Product Name: Iron(II) trifluoromethanesulfonate - ≥85%

Product Number:	698172
CAS Number:	59163-91-6

Formula: Formula Weight: C2F6FeO6S2 353.98 g/mol

$\begin{bmatrix} O\\ F_3C - \overset{\parallel}{\overset{\scriptstyle \parallel}{\overset{\scriptstyle \parallel}{\overset{\scriptstyle \parallel}{O}}} - \overset{\scriptstyle -}{\overset{\scriptstyle \parallel}{\overset{\scriptstyle \parallel}{\overset{\scriptstyle \parallel}{\overset{\scriptstyle \parallel}{O}}}} \end{bmatrix}_2 \ Fe^{2+}$

TEST	Specification
Appearance (Color)	Off White to Yellow and Faint Brown to
	Brown and Faint Red to Red and Faint Purple to Purple and Fa
	Grey to Grey
Appearance (Form)	Powder
Carbon	5.8 - 7.8 %
Sulfur	15.4 - 20.8 %
Titration by AgNO3	< 15.0 %
as FeCl2	_

Specification: PRD.1.ZQ5.1000003627

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.