



Product Specification

Chemical Name: Silver trifluoromethanesulfonate

CMI Product Code: 9071

CAS Number: 2923-28-6

Formula: $\text{CF}_3\text{SO}_3\text{Ag}$

Formula Weight: 256.94 g/mol

Theoretical Ag%: 42.0%

PARAMETER

SPECIFICATION

Ag Assay	$42.0 \pm 1.0 \%$
Chemical Purity	$\geq 98\%$ (based on Assay)
Infrared Spectrum	Conforms to structure
Microanalysis	$\text{C}\% = 4.7 \pm 0.6\%$
Appearance	Off white solid

Reviewing Chemist: Dr. Bryan Frauhiger, Ph.D., Organometallic Technical Director: BFF

Specification Approval: Dr. Ernest Addo, Ph.D., Director of Quality & Analytical Testing: EA

Specification Revision Date: September 26th, 2021

Revision Level: 0

Colonial Metals warrants, that at the time of product release this product conformed to the information contained on this specification sheet. Purchaser must determine the suitability of the product for its particular use.