



Product Specification

Chemical Name: (1,5-Cyclooctadiene)(hexafluoroacetylacetonato)silver(I)

CMI Product Code: 9048

CAS Number: 38892-25-0

Formula: C₁₃H₁₃AgF₆O₂

Formula Weight: 423.1 g/mol

Theoretical Ag %: 25.5 %

PARAMETER

SPECIFICATION

Ag Assay	25.5 ± 1.0 %
Chemical Purity	≥ 98% (based on Carbon %)
Microanalysis	Carbon: 36.9 ± 0.7 %
Infrared Spectrum	Conforms to structure
¹ H NMR	Conforms to structure
Appearance	White to tan solid

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

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

Specification Revision Date: July 22nd, 2023

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.