



Product Specification

Chemical Name: Pentamethylcyclopentadienylrhenium(I) tricarbonyl
CMI Product Code: 1027
CAS Number: 12130-88-0
Formula: C₁₃H₁₅O₃Re
Formula Weight: 405.46 g/mol
Theoretical Re%: 45.9%

PARAMETER	SPECIFICATION
Re Assay	45.9 ± 1.0 %
Chemical Purity	≥ 98% (based on C%)
Microanalysis	Carbon: 38.5 ± 0.8%
Infrared Spectrum	Conforms to structure
Appearance	White to off-white 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: December 8th, 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.