



Product Specification

Chemical Name: Triruthenium dodecacarbonyl

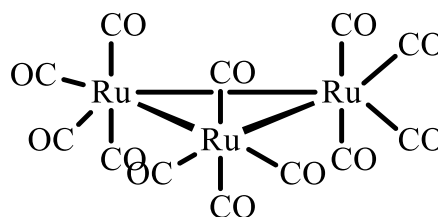
CMI Product Code: 8047

CAS Number: 15243-33-1

Formula: $\text{Ru}_3(\text{CO})_{12}$

Formula Weight: 639.42 g/mol

Theoretical Ru%: 47.4%



PARAMETER	SPECIFICATION
Ru Assay	$47.4 \pm 0.6\%$
Chemical Purity	$\geq 99.9\%$ (Based on trace metals)
Trace metal impurities	< 1000 ppm
Microanalysis	Carbon: $22.5 \pm 0.6\%$
Infrared Spectrum	Conforms to structure
Appearance	Orange crystalline solid
Storage	Store in a tightly closed container in a cool, dry place

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: October 30th, 2019

Revision Level: 2

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.

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