



Product Specification

Chemical Name: Chlorocarbonylhydridotris(triphenylphosphine) ruthenium(II)
CMI Product Code: 8069
CAS Number: 16971-33-8
Formula: Cl(H)CO((C₆H₅)₃P)₃Ru
Formula Weight: 952.4 g/mol
Theoretical Ru: 10.6%

PARAMETER	SPECIFICATION
Ru Assay	10.6 ± 0.4%
Chemical Purity	> 98.5% (based on carbon %)
Microanalysis	69.4 ± 1.0% C
Infrared Spectrum	Conforms to structure
Appearance	Tan powder or crystals
Storage	Store cold (2-8 °C) under an inert atmosphere in a tightly sealed container away from sources of ignition or flame.

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: January 5th, 2016
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.

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