Product Specification

Chemical Name: Dichloro(p-cymene) tricyclohexylphosphine ruthenium (II)
CMI Product Code: 8080
CAS Number: 145381-23-3
Formula: RuCl₂(C₁₀H₁₄)P(C₆H₁₁)₃
Formula Weight: 586.63 g/mol
Theoretical Ru %: 17.2%

PARAMETER | SPECIFICATION
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Ru Assay | 17.2 ± 0.5%
Chemical Purity | ≥ 98.0% (based on carbon %)
Microanalysis | Carbon: 57.2 ± 1.2%
 | Hydrogen: 8.2 ± 0.5%
Infrared Spectrum | Conforms to structure
Appearance | Orange powder
Storage | Keep in a tightly sealed container in a cool dry location.

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: February 29th, 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.