



Product Specification

Chemical Name: Benzylidenebis(tricyclohexylphosphine)dichlororuthenium
CMI Product Code: 8151
CAS Number: 172222-30-9
Formula: $C_{43}H_{72}Cl_2P_2Ru$
Formula Weight: 822.96 g/mol
Theoretical Ru%: 12.3%

PARAMETER	SPECIFICATION
Ru Assay	$12.3 \pm 1.0 \%$
Chemical Purity	$\geq 98\%$ (Based on Carbon%)
Infrared Spectrum	Conforms to structure
1H NMR	Conforms to structure
^{31}P NMR	Conforms to structure
Microanalysis	$C\% = 62.8 \pm 1.7 \%$
Appearance	Purple 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 27th, 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.