



Product Specification

Chemical Name: Ir(COD)(dppe)Cl
CMI Product Code: 3061
CAS Number: 688063-93-6
Formula: $(\text{Ir}(\text{C}_8\text{H}_{12})(\text{P}_2\text{C}_{26}\text{H}_{24})\text{Cl})$
Formula Weight: 734.27 g/mol
Theoretical Ir %: 26.2%

PARAMETER	SPECIFICATION
Ir Assay (Theory)	$26.2 \pm 0.6\%$
Chemical Purity	$\geq 98\%$ (based on C%)
Microanalysis	Carbon: $55.61 \pm 1.0\%$
Infrared Spectrum	Conforms to structure
^{31}P NMR	Conforms to structure
Appearance	Yellow to orange solid
Storage	Store cold under an inert atmosphere

Reviewing Chemist: Dr. Bryan Frauhiger, Ph.D., Organometallic Technical Director: BEF ^{BEF}

Specification Approval: Dr. Ernest Addo, Ph.D., Director of Quality & Analytical Testing: EA ^{EA}

Specification Revision Date: January 2nd, 2020

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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