



Product Specification

Chemical Name: Chlorocarbonylbis(triphenylphosphine)iridium(I)

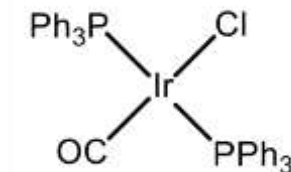
CMI Product Code: 3021

CAS Number: 14871-41-1

Formula: IrCl(CO)[(C₆H₅)₃P]₂

Formula Weight: 780.25 g/mol

Theoretical Ir %: 24.6%



PARAMETER

SPECIFICATION

Ir Assay	24.6 ± 0.7%
Chemical Purity	≥ 98.5% (based on carbon %)
Microanalysis	Carbon: 56.96 ± 0.9% Hydrogen: 3.88 ± 0.3%
Infrared Spectrum	Conforms to structure
Appearance	Yellow crystalline solid
Storage	Store < -20°C in amber glass under an inert atmosphere

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: November 22th, 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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