



Product Specification

Chemical Name: Hydridocarbonyltris(triphenylphosphine)iridium(I)

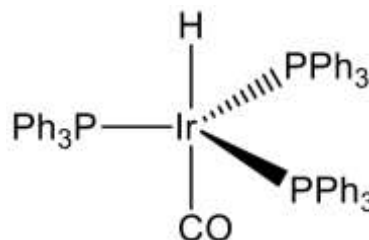
CMI Product Code: 3022

CAS Number: 17250-25-8

Formula: $\text{IrH}(\text{CO})(\text{P}(\text{C}_6\text{H}_5)_3)_3$

Formula Weight: 1008.09 g/mol

Theoretical Ir %: 19.07%



PARAMETER

SPECIFICATION

Ir Assay

$19.07 \pm 0.3\%$

Chemical Purity

$\geq 99.0\%$ (based on carbon %)

Microanalysis

Carbon: $65.53 \pm 0.7\%$
Hydrogen: $4.60 \pm 0.4\%$

Infrared Spectrum

Conforms to structure

Appearance

Yellow crystalline solid

Storage

Air sensitive. Store $< -20^\circ\text{C}$ in a tightly sealed amber glass bottle 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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