



Product Specification

Chemical Name: Chlorobis(ethylene)iridium(I) dimer

CMI Product Code: 3042

CAS Number: 39722-81-1

Formula: $[\text{IrCl}(\text{C}_2\text{H}_4)_2]_2$

Formula Weight: 567.55 g/mol

Theoretical Ir %: 67.74%

PARAMETER

SPECIFICATION

Ir Assay	$67.74 \pm 0.7\%$
Chemical Purity	$\geq 97\%$ (based on carbon %)
Microanalysis	Carbon: $16.93 \pm 0.5\%$
Infrared Spectrum	Conforms to structure
Appearance	Red powder
Storage	Store under an inert atmosphere in a tightly sealed amber glass bottle. Recommended storage temperature $< 4^\circ\text{C}$.

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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