



Product Specification

Chemical Name: (1,5-cyclooctadiene(hexafluoroacetylacetonato)iridium(I)

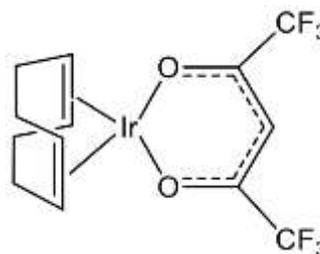
CMI Product Code: 3058

CAS Number: 34801-95-1

Formula: Ir(C₈H₁₂)(C₅HF₆O₂)

Formula Weight: 507.45 g/mol

Theoretical Ir %: 37.88%



PARAMETER

SPECIFICATION

Ir Assay

37.88 ± 0.8%

Chemical Purity

≥ 97% (based on carbon %)

Microanalysis

Carbon: 30.77 ± 0.9%

Infrared Spectrum

Conforms to structure

Appearance

Dark red to dark brown crystals or powder

Storage

Air sensitive. Store under inert gas in a tightly sealed amber glass bottle. Recommended storage temperature ≤ 4°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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