



Product Specification

Chemical Name: (4,4'-Di-tert-butyl-2,2'-bipyridine)bis[3,5-difluoro-2-[5-trifluoromethyl-2-pyridinyl-κN]phenyl-κC]iridium(III) hexafluorophosphate

CMI Product Code: 3065

CAS Number: 870987-63-6

Formula: C₄₂H₃₄F₁₆IrN₄P

Formula Weight: 1121.93 g/mol

Theoretical Ir %: 17.1%

PARAMETER

SPECIFICATION

Ir Assay	17.1 ± 0.6%
Chemical Purity	≥ 98% (based on carbon %)
Microanalysis	Carbon: 45.0 ± 0.9% Nitrogen: 5.0 ± 0.6%
Infrared Spectrum	Conforms to structure
Appearance	Yellow solid
Storage	Store under an inert atmosphere in a tightly sealed amber glass bottle. Recommended storage temperature < 4°C.

Reviewing Chemist: Dr. Bryan Frauhiger, Ph.D., Organometallic Technical Director: B EF

Specification Approval: Dr. Ernest Addo, Ph.D., Director of Quality & Analytical Testing: E A

Specification Revision Date: April 18th, 2022

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.