



Product Specification

Chemical Name: Bis(pentamethylcyclopentadienyl)osmium(II)

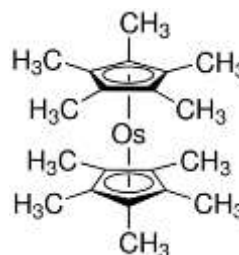
CMI Product Code: 4026

CAS Number: 100603-32-5

Formula: $[(CH_3)_5C_5]_2Os$

Formula Weight: 460.68 g/mol

Theoretical Os%: 41.3%



PARAMETER

SPECIFICATION

Os Assay	41.3 ± 0.8%
Chemical Purity	≥ 98% (based on carbon %)
Microanalysis	Carbon: 52.14 ± 1.04% Hydrogen: 6.56 ± 0.40%
Infrared Spectrum	Conforms to structure
Appearance	White to off-white powder
Storage	Store in a tightly sealed container in a cool dry location.

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: October 8th, 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.