

Product Specification

Chemical Name: Bis(2-methylallyl)(1,5-cyclooctadiene)ruthenium(II)

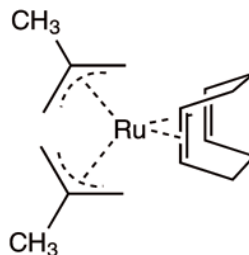
CMI Product Code: 8055

CAS Number: 12289-94-0

Formula: $(C_4H_7)_2(C_8H_{12})Ru$

Formula Weight: 319.45 g/mol

Theoretical Ru %: 31.6%



PARAMETER

SPECIFICATION

Ru Assay	31.6 ± 0.3%
Chemical Purity	≥ 99.0% (based on Carbon %)
Microanalysis	Carbon: 60.2 ± 0.6%
Infrared Spectrum	Conforms to Structure
Appearance	Off-White to light brown powder
Storage	Air and moisture sensitive. Store under an inert gas. Store in a tightly sealed container at a temperature ≤ -20°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: February 29th, 2016

Revision Level: 1

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.