



Product Specification

Chemical Name: Dichloro(benzene)ruthenium(II) dimer

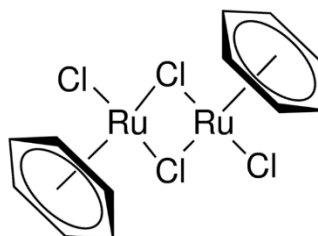
CMI Product Code: 8071

CAS Number: 37366-09-9

Formula: $[C_6H_6RuCl_2]_2$

Formula Weight: 500.18 g/mol

Theoretical Ru %: 40.4%



PARAMETER

SPECIFICATION

Ru Assay

40.4 ± 0.8%

Chemical Purity

≥ 97.0% (based on carbon %)

Microanalysis

Carbon: 28.8 ± 0.9%
Hydrogen: Report

Infrared Spectrum

Conforms to structure

Appearance

Reddish-brown to brown powder

Storage

Store in a tightly sealed container in a cool dry location.

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

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

Specification Revision Date: July 15th, 2020

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.