



Product Specification

Chemical Name: Tetrachlorobis(pyridine) Ruthenium (IV)

CMI Product Code: 8011

CAS Number: Not Available

Formula: $\text{Ru}(\text{C}_5\text{H}_5\text{N})_2\text{Cl}_4$

Formula Weight: 401.1 g/mol

Theoretical Pd %: 25.2%

PARAMETER

SPECIFICATION

Pd Assay

$25.2 \pm 0.5\%$

Chemical Purity

> 98.0% (based on Carbon %)

Microanalysis :

Carbon: $30.0 \pm 0.6\%$
Hydrogen: $2.5 \pm 0.5\%$
Nitrogen: $7.0 \pm 0.5\%$

Infrared Spectrum

Conforms to structure

Appearance

Dark brown crystals

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: February 28th, 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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