



Product Specification

Chemical Name: Dihydridotetrakis(triphenylphosphine) Ruthenium (II)

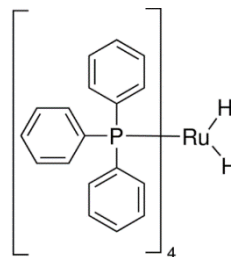
CMI Product Code: 8064

CAS Number: 19529-00-1

Formula: $H_2((C_6H_5)_3P)_4Ru$

Formula Weight: 1,152.25 g/mol

Theoretical Ru %: 8.8%



PARAMETER

SPECIFICATION

Ru Assay

$8.8 \pm 0.2\%$

Chemical Purity

$\geq 99.0\%$ (based on Carbon %)

Microanalysis

Carbon: $75.1 \pm 0.5\%$
Hydrogen: $5.4 \pm 0.5\%$

Infrared Spectrum

Conforms to Structure

Appearance

Yellow to yellow-green powder

Storage

Air and moisture sensitive. Store under an inert gas. Store in a tightly sealed container in a dry cool 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 29th, 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.