



Product Specification

Chemical Name: Allylruthenium(II) tricarbonyl bromide

CMI Product Code: 8113

CAS Number: 31781-74-5

Formula: $\text{Ru}(\text{C}_3\text{H}_5)(\text{CO})_3\text{Br}$

Formula Weight: 306.08 g/mol

Theoretical Ru: 33.0%

PARAMETER

SPECIFICATION

Ru Assay	33.0 ± 1.0%
Chemical Purity	≥ 98% (based on carbon %)
Microanalysis	Carbon: 23.6 ± 0.5%
Infrared Spectrum	Conforms to structure
Appearance	Off-white to light yellow solid
Storage	Store cold (2-8°C) under an inert atmosphere in a tightly sealed container.

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: December 15th, 2021

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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