



## **Product Specification**

**Chemical Name:** Rhodium(III) nitrate solution  
**CMI Product Code:** 7030-S  
**CAS Number:** 10139-58-9  
**Formula:**  $\text{Rh}(\text{NO}_3)_3$  in aqueous nitric acid  
**Formula Weight:** 288.93 g/mol (anhydrous)  
**Theoretical Rh %:** 35.6%

PARAMETER	SPECIFICATION
Rh Assay	7.6 - 20.0%
Appearance	Dark red to brown solution
Acidity	$25 \pm 5\%$
Insolubles	< 0.05% (wt./wt.), solution basis
Trace metal impurities	< 3000 ppm total metal impurities
Storage	Store in a tightly sealed container in a cool, dry place

**Reviewing Chemist:** Dr. Bryan Frauhiger, Ph.D., Technical Director: BEF

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

**Specification Revision Date:** January 15<sup>th</sup>, 2021

**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.

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