



Product Specification

Chemical Name: Ruthenium(III) chloride solution High Purity

CMI Product Code: 8002-S

CAS Number: 14898-67-0

Formula: RuCl₃ in H₂O

Formula Weight: 207.43 g/mol

Theoretical Ru%: 48.7% (anhydrous)

PARAMETER	SPECIFICATION
Ru Assay	12.0 ± 10.0%
Chemical Purity	> 99.98 %
Sodium	≤ 0.01 %
Total PGMs	≤ 0.01 %
Total Base Metals	≤ 0.02 %
Appearance	Dark Red Solution
Storage	Keep container tightly closed in a dry and well-ventilated place.

Reviewing Chemist: Doug Portrey, Plant Engineer: *DP*

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

Specification Revision Date: January 7th, 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.

Date	Revision #	Change/Review	Revised by
01/07/16	0	Original Release	S. Cahoone