



## Product Specification

**Chemical Name:** Silver(I) sulfate

**CMI Product Code:** 9013

**CAS Number:** 10294-26-5

**Formula:** Ag<sub>2</sub>SO<sub>4</sub>

**Formula Weight:** 311.81 g/mol

**Theoretical % Ag:** 69.2%

### PARAMETER

### SPECIFICATION

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<b>Ag Assay</b>	69.2 ± 0.3% Ag w/w
<b>Chemical Purity</b>	≥ 99.5% (≥ 99.95% Ag)
<b>Nitrates</b>	≤ 10 ppm
<b>Insoluble matter and AgCl</b>	≤ 20 ppm
<b>Substances not precipitated by HCl</b>	≤ 30 ppm
<b>Trace Metal Impurities</b>	≤ 500 ppm total metals with ≤ 10 ppm Fe & Cu ≤ 5 ppm Pb, Ni, Zn, Cd
<b>Appearance</b>	White to off-white crystalline solid
<b>Storage</b>	Store in a tightly closed opaque container in a cool, dry place. Avoid exposure to light. Only open container under UV filtered lighting.

**Reviewing Chemist:** Tyler Bazzoli, Lead Chemist: TB

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

**Specification Revision Date:** May 16<sup>th</sup>, 2018

**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.