



**Product Specifications: Silver(I) Sulfate #9013**

Chemical Name:  
Silver(I) sulfate

CMI Product Code:	9013	
CAS Number:	10294-26-5	
Formula:	Ag <sub>2</sub> SO <sub>4</sub>	Ag <sub>2</sub> SO <sub>4</sub>
Formula Weight:	311.81 g/mol	
Theoretical % Ag:	69.2	

PARAMETER	SPECIFICATION
Chemical Purity	> 99.5% (> 99.95% Ag)
Appearance	white to off white crystalline solid
Ag assay	64.2 ± 0.3%
Nitrates	≤ 10 ppm
Insoluble matter and HCl	< 20 ppm
Substances nor precipitated by HCl	< 30 ppm
Trace Metal Impurities	< 500 ppm total metals with: <10 ppm Fe, < 5 ppm Cu, < 5 ppm Pb < 5 ppm Ni, < 5 ppm Zn, < 5 ppm Cd
Storage:	Store in a tightly closed opaque container in a cool, dry place.

Reviewing Chemist: Peter B. Kettler, Ph.D. Technical Director  
Specification Date: 25 January 2013

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.