



**Product Specifications: Silver(I) chloride – 325 mesh #9004-1**

Chemical Name:  
Silver(I) chloride – 325 mesh

CMI Product Code:	9004-1	
CAS Number:	7783-90-6	AgCl
Formula:	AgCl	-325 mesh
Formula Weight:	143.32 g/mol	
Theoretical % Ag:	75.3	

PARAMETER	SPECIFICATION
Chemical Purity	> 99.7% (> 99.9% Ag)
Appearance	white fine powder
Ag assay	75.2 ± 0.2%
Trace Metals	< 1000 ppm total metals Cd, Cu, Fe, Pb, Ni ≤ 20 ppm each
Nitrates	< 10 ppm
Surface Area	0.2 – 0.5 m <sup>2</sup> /g
Sieve Test	All material passed through -325 screen
Odor	None detectable
Storage:	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: Peter B. Kettler, Ph.D. Technical Director  
Specification Date: 26 September 2012

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.