



Product Specification

Chemical Name:	Potassium DicyanoSilver (I), ["Silver Potassium Cyanide"]
CMI Product Code:	9025
CAS Number:	506-61-6
Formula:	K[Ag(CN) ₂]
Formula Weight:	199.01 g/mol
Theoretical Ag %:	54.2%

PARAMETER	SPECIFICATION
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Ag Assay	54.2 ± 0.5%
Color	Pass
Moisture	< 0.2%

Trace Impurities (metal basis)

Element	Spec.
Al	≤ 5 ppm
B	≤ 3 ppm
Bi	≤ 3 ppm
Ca	≤ 15 ppm
Cd	≤ 5 ppm
Co	≤ 1 ppm

Element	Spec.
Cr	≤ 1 ppm
Cu	≤ 15 ppm
Fe	≤ 15 ppm
Mg	≤ 5 ppm
Mn	≤ 1 ppm
Ni	≤ 5 ppm

Element	Spec.
Pb	≤ 5 ppm
Sb	≤ 5 ppm
Si	≤ 5 ppm
Sn	≤ 1 ppm
Ti	≤ 1 ppm
Zn	≤ 10 ppm

Appearance	White crystal or powder
Storage	For best results store in a cool (20 °C Max) dry environment. Reseal after Each Use.
Shelf Life	5 Years with Proper Storage

Reviewing Chemist: Tyler Bazzoli, Lead Chemist: TB

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

Specification Revision Date: October 8, 2014

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.