



Silver, 1000 ug/mL (0.10% w/v)

BAKER INSTRA-ANALYZED[®] Reagent

Plasma Standard
(Ag metal in 5% HNO₃)

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Product No. 5779

Lot No. L07N75

Release Date 03/06/2012

Certificate of Analysis

TEST	SPECIFICATION	RESULT
Silver (Ag)		
Prepared from the highest purity raw material available, generally greater than 99.999% spectral purity. The metal content of the solution is confirmed to be		
accurate to within $\pm 0.3\%$ of the assayed value at 20°C (typically 1000 ug/mL). The Certificate of Analysis also lists the trace impurity level in ug/mL		
for over 65 elements.		
Trace Impurities (in ug/mL):		
Aluminum (Al)	Information Only	< 0.04
Arsenic (As)	Information Only	< 0.2
Gold (Au)	Information Only	< 0.1
Boron (B)	Information Only	< 0.02
Barium (Ba)	Information Only	< 0.01
Beryllium (Be)	Information Only	< 0.01
Bismuth (Bi)	Information Only	< 0.2
Calcium (Ca)	Information Only	< 0.05
Cadmium (Cd)	Information Only	< 0.02
Cerium (Ce)	Information Only	< 0.3
Cobalt (Co)	Information Only	< 0.02
Chromium (Cr)	Information Only	< 0.02
Cesium (Cs)	Information Only	< 100
Copper (Cu)	Information Only	< 0.02
Dysprosium (Dy)	Information Only	< 0.03
Erbium (Er)	Information Only	< 0.02
Europium (Eu)	Information Only	< 0.02
Iron (Fe)	Information Only	< 0.02
Gallium (Ga)	Information Only	< 0.03
Gadolinium (Gd)	Information Only	< 0.07
Germanium (Ge)	Information Only	< 0.1
Hafnium (Hf)	Information Only	< 0.05
Mercury (Hg)	Information Only	< 0.2
Holmium (Ho)	Information Only	< 0.02
Indium (In)	Information Only	< 0.2
Iridium (Ir)	Information Only	< 0.2
Potassium (K)	Information Only	< 0.025
Lanthanum (La)	Information Only	< 0.03
Lithium (Li)	Information Only	< 0.02
Lutetium (Lu)	Information Only	< 0.02
Magnesium (Mg)	Information Only	< 0.01

Manganese (Mn)	Information Only	< 0.01
Molybdenum (Mo)	Information Only	< 0.04
Sodium (Na)	Information Only	< 0.025
Niobium (Nb)	Information Only	< 0.05
Neodymium (Nd)	Information Only	< 0.05
Nickel (Ni)	Information Only	< 0.02
Osmium (Os)	Information Only	< 0.5
Phosphorus (P)	Information Only	< 0.1
Lead (Pb)	Information Only	< 0.1
Palladium (Pd)	Information Only	< 0.1
Praseodymium (Pr)	Information Only	< 0.06
Platinum (Pt)	Information Only	< 0.1
Rubidium (Rb)	Information Only	< 50
Rhenium (Re)	Information Only	< 0.1
Rhodium (Rh)	Information Only	< 0.02
Ruthenium (Ru)	Information Only	< 0.05
Sulfur (S)	Information Only	< 0.05
Antimony (Sb)	Information Only	< 0.01
Scandium (Sc)	Information Only	< 0.01
Selenium (Se)	Information Only	< 0.5
Silicon (Si)	Information Only	< 0.1
Samarium (Sm)	Information Only	< 0.04
Tin (Sn)	Information Only	< 0.1
Strontium (Sr)	Information Only	< 0.01
Tantalum (Ta)	Information Only	< 0.1
Terbium (Tb)	Information Only	< 0.06
Tellurium (Te)	Information Only	< 0.5
Thorium (Th)	Information Only	< 0.2
Titanium (Ti)	Information Only	< 0.02
Thallium (Tl)	Information Only	< 0.1
Thulium (Tm)	Information Only	< 0.04
Uranium (U)	Information Only	< 0.4
Vanadium (V)	Information Only	< 0.02
Tungsten (W)	Information Only	< 0.2
Yttrium (Y)	Information Only	< 0.02
Ytterbium (Yb)	Information Only	< 0.02
Zinc (Zn)	Information Only	< 0.02
Zirconium (Zr)	Information Only	< 0.04

For Laboratory, Research or Manufacturing Use

USE BEFORE February 28, 2014

Country of Origin: USA

ISO	Phillipsburg, NJ 9001.2008, 14001.2004	
	Paris, KY 9001.2008	
	Mexico City, Mexico 9001.2008	
	Deventer, The Netherlands 9001.2008, 14001.2004, 13485.2003	
	Selangor, Malaysia 9001.2008	
	Panaji, India 9001.2008	
	Gliwice, Poland 9001.2008, 17025.2005	

Richard M. Siberski
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For questions on this Certificate of Analysis please contact Technical Services at 855-282-6867 or 610-573-2600

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