



# Beryllium, 1000 ug/mL (0.10% w/v)

BAKER INTRA-ANALYZED<sup>®</sup> Reagent  
Plasma Standard  
(Beryllium Acetate in 5% HNO )  
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Product No. 5706  
Lot No. L07N74  
Release Date 03/06/2012

## Certificate of Analysis

TEST	SPECIFICATION	RESULT
Beryllium (Be)		
<b>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</b>		
<b>accurate to within <math>\pm 0.3\%</math> of the assayed value at 20°C (typically 1000 ug/mL). The Certificate of Analysis also lists the trace impurity level in ug/mL</b>		
for over 65 elements.		
<b>Trace Impurities (in ug/mL):</b>		
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
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	< 0.5
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	< 0.1
Silver (Ag)	Information Only	< 0.02
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	< 0.02
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	0.2
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

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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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