

## SINGLE-ELEMENT STANDARDS

10,000 µg/mL Standards

Manufactured with high-purity starting materials and reagents. Products can be used for calibration of analytical instruments, validation of analytical methods, or for other applications deemed fit for purpose by the end-user. Certificate of Analysis includes lot specific trace metal impurity analysis.

Need a specific starting material or matrix? Custom 10 ppm single element solutions available upon request. Need a multielement solution? We can do that too!

10,000 µg/mL

ANALYTE	MATRIX	VOLUME	CATALOG #
Aluminum, Al	HNO <sub>3</sub>	30 mL	CGAL10-30ML
		125 mL	CGAL10-125ML
		500 mL	CGAL10-500ML
Antimony, Sb	HNO <sub>3</sub> / Tartaric Acid	125 mL	CGSB10-125ML
		500 mL	CGSB10-500ML
Arsenic, As	HNO <sub>3</sub>	30 mL	CGAS10-30ML
		125 mL	CGAS10-125ML
		500 mL	CGAS10-500ML
Barium, Ba	HNO <sub>3</sub>	125 mL	CGBA10-125ML
		500 mL	CGBA10-500ML
Beryllium, Be	HNO <sub>3</sub>	125 mL	CGBE10-125ML
		500 mL	CGBE10-500ML
Bismuth, Bi	HNO <sub>3</sub>	30 mL	CGBI10-30ML
		125 mL	CGBI10-125ML
		500 mL	CGBI10-500ML
Boron, B	NH <sub>4</sub> OH	125 mL	CGB10-125ML
		500 mL	CGB10-500ML
Cadmium, Cd	HNO <sub>3</sub>	125 mL	CGCD10-125ML
		500 mL	CGCD10-500ML
Calcium, Ca	HNO <sub>3</sub>	30 mL	CGCA10-30ML
		125 mL	CGCA10-125ML
		500 mL	CGCA10-500ML
Carbon, C	HNO <sub>3</sub>	125 mL	CGC10-125ML
Cerium, Ce	HNO <sub>3</sub>	30 mL	CGCE10-30ML
		125 mL	CGCE10-125ML
		500 mL	CGCE10-500ML
Cesium, Cs	HNO <sub>3</sub>	125 mL	CGCS10-125ML
		500 mL	CGCS10-500ML
Chromium <sup>+3</sup> , Cr <sup>+3</sup>	HNO <sub>3</sub>	30 mL	CGCR(3)10-30ML
		125 mL	CGCR(3)10-125ML
		500 mL	CGCR(3)10-500ML
Cobalt, Co <small>Commonly used as an Internal Standard for ICP-OES.</small>	HNO <sub>3</sub>	30 mL	CGCO10-30ML
		125 mL	CGCO10-125ML
		500 mL	CGCO10-500ML
Copper, Cu	HNO <sub>3</sub>	30 mL	CGCU10-30ML
		125 mL	CGCU10-125ML
		500 mL	CGCU10-500ML
Dysprosium, Dy	HNO <sub>3</sub>	30 mL	CGDY10-30ML
		125 mL	CGDY10-125ML
		500 mL	CGDY10-500ML
Erbium, Er	HNO <sub>3</sub>	30 mL	CGER10-30ML
		125 mL	CGER10-125ML
		500 mL	CGER10-500ML
Europium, Eu	HNO <sub>3</sub>	30 mL	CGEU10-30ML
		125 mL	CGEU10-125ML
		500 mL	CGEU10-500ML

Manufactured with high-purity starting materials and reagents. Products can be used for calibration of analytical instruments, validation of analytical methods, or for other applications deemed fit for purpose by the end-user. Certificate of Analysis includes lot specific trace metal impurity analysis.

Need a specific starting material or matrix? Custom 10 ppm single element solutions available upon request. Need a multielement solution? We can do that too!

10,000 µg/mL

ANALYTE	MATRIX	VOLUME	CATALOG #
Gadolinium, Gd	HNO <sub>3</sub>	30 mL	CGGD10-30ML
		125 mL	CGGD10-125ML
		500 mL	CGGD10-500ML
Gallium, Ga	HNO <sub>3</sub>	125 mL	CGGA10-125ML
		500 mL	CGGA10-500ML
Germanium, Ge	HNO <sub>3</sub> / HF	125 mL	CGGE10-125ML
		500 mL	CGGE10-500ML
Gold, Au	HCl	30 mL	CGAU10-30ML
		125 mL	CGAU10-125ML
		500 mL	CGAU10-500ML
Hafnium, Hf	HNO <sub>3</sub> / HF	125 mL	CGHF10-125ML
		500 mL	CGHF10-500ML
Holmium, Ho	HNO <sub>3</sub>	30 mL	CGHO10-30ML
		125 mL	CGHO10-125ML
		500 mL	CGHO10-500ML
Indium, In Commonly used as an Internal Standard for ICP-OES.	HNO <sub>3</sub>	125 mL	CGIN10-125ML
		500 mL	CGIN10-500ML
Iridium, Ir	HCl	30 mL	CGIR10-30ML
		125 mL	CGIR10-125ML
		500 mL	CGIR10-500ML
Iron, Fe	HNO <sub>3</sub>	30 mL	CGFE10-30ML
		125 mL	CGFE10-125ML
		500 mL	CGFE10-500ML
Lanthanum, La	HNO <sub>3</sub>	30 mL	CGLA10-30ML
		125 mL	CGLA10-125ML
		500 mL	CGLA10-500ML
Lead, Pb	HNO <sub>3</sub>	30 mL	CGPB10-30ML
		125 mL	CGPB10-125ML
		500 mL	CGPB10-500ML
Lithium, Li	HNO <sub>3</sub>	30 mL	CGLI10-30ML
		125 mL	CGLI10-125ML
		500 mL	CGLI10-500ML
Lutetium, Lu	HNO <sub>3</sub>	30 mL	CGLU10-30ML
		125 mL	CGLU10-125ML
		500 mL	CGLU10-500ML
Magnesium, Mg	HNO <sub>3</sub>	30 mL	CGMG10-30ML
		125 mL	CGMG10-125ML
		500 mL	CGMG10-500ML
Manganese, Mn	HNO <sub>3</sub>	30 mL	CGMN10-30ML
		125 mL	CGMN10-125ML
		500 mL	CGMN10-500ML
Mercury, Hg	HNO <sub>3</sub>	125 mL	CGHG10-125ML
		500 mL	CGHG10-500ML
Molybdenum, Mo	NH <sub>4</sub> OH	30 mL	CGMO10-30ML
		125 mL	CGMO10-125ML
		500 mL	CGMO10-500ML

## SINGLE-ELEMENT STANDARDS

10,000 µg/mL Standards

Manufactured with high-purity starting materials and reagents. Products can be used for calibration of analytical instruments, validation of analytical methods, or for other applications deemed fit for purpose by the end-user. Certificate of Analysis includes lot specific trace metal impurity analysis.

Need a specific starting material or matrix? Custom 10 ppm single element solutions available upon request. Need a multielement solution? We can do that too!

10,000 µg/mL

ANALYTE	MATRIX	VOLUME	CATALOG #
Neodymium, Nd	HNO <sub>3</sub>	30 mL	CGND10-30ML
		125 mL	CGND10-125ML
		500 mL	CGND10-500ML
Nickel, Ni	HNO <sub>3</sub>	30 mL	CGNI10-30ML
		125 mL	CGNI10-125ML
		500 mL	CGNI10-500ML
Niobium, Nb	HNO <sub>3</sub> / HF	125 mL	CGNB10-125ML
Niobium, Nb High purity, low Tantalum	HNO <sub>3</sub> / HF	125 mL	CGNB20510-125ML
		500 mL	CGNB20510-500ML
Palladium, Pd	HCl	30 mL	CGPD10-30ML
		125 mL	CGPD10-125ML
		500 mL	CGPD10-500ML
Phosphorus, P	H <sub>2</sub> O	30 mL	CGP10-30ML
		125 mL	CGP10-125ML
		500 mL	CGP10-500ML
Platinum, Pt	HCl	30 mL	CGPT10-30ML
		125 mL	CGPT10-125ML
		500 mL	CGPT10-500ML
Potassium, K	HNO <sub>3</sub>	30 mL	CGK10-30ML
		125 mL	CGK10-125ML
		500 mL	CGK10-500ML
Praseodymium, Pr	HNO <sub>3</sub>	30 mL	CGPR10-30ML
		125 mL	CGPR10-125ML
		500 mL	CGPR10-500ML
Rhenium, Re	HNO <sub>3</sub>	125 mL	CGRE10-125ML
		500 mL	CGRE10-500ML
Rhodium, Rh	HCl	30 mL	CGRH10-30ML
		125 mL	CGRH10-125ML
		500 mL	CGRH10-500ML
Rubidium, Rb	HNO <sub>3</sub>	125 mL	CGRB10-125ML
		500 mL	CGRB10-500ML
Ruthenium, Ru	HCl	30 mL	CGRU10-30ML
		125 mL	CGRU10-125ML
		500 mL	CGRU10-500ML
Samarium, Sm	HNO <sub>3</sub>	30 mL	CGSM10-30ML
		125 mL	CGSM10-125ML
		500 mL	CGSM10-500ML
Scandium, Sc Commonly used as an Internal Standard for ICP-OES.	HNO <sub>3</sub>	30 mL	CGSC10-30ML
		125 mL	CGSC10-125ML
		500 mL	CGSC10-500ML
Selenium, Se	HNO <sub>3</sub>	30 mL	CGSE10-30ML
		125 mL	CGSE10-125ML
		500 mL	CGSE10-500ML
Silicon, Si	HNO <sub>3</sub> / HF	30 mL	CGSI10-30ML
		125 mL	CGSI10-125ML
		500 mL	CGSI10-500ML

## SINGLE-ELEMENT STANDARDS

10,000 µg/mL Standards

Manufactured with high-purity starting materials and reagents. Products can be used for calibration of analytical instruments, validation of analytical methods, or for other applications deemed fit for purpose by the end-user. Certificate of Analysis includes lot specific trace metal impurity analysis.

Need a specific starting material or matrix? Custom 10 ppm single element solutions available upon request. Need a multielement solution? We can do that too!

10,000 µg/mL

ANALYTE	MATRIX	VOLUME	CATALOG #
Silver, Ag		125 mL	CGAG10-125ML
		500 mL	CGAG10-500ML
Sodium, Na	HNO <sub>3</sub>	30 mL	CGNA10-30ML
		125 mL	CGNA10-125ML
		500 mL	CGNA10-500ML
Strontium, Sr	HNO <sub>3</sub>	125 mL	CGSR10-125ML
		500 mL	CGSR10-500ML
Sulfur, S <small>Compatible if mixed with Ba and Pb.</small>	H <sub>2</sub> O	125 mL	CGMSA10-125ML
		500 mL	CGMSA10-500ML
Sulfur, S	H <sub>2</sub> O	30 mL	CGS10-30ML
		125 mL	CGS10-125ML
		500 mL	CGS10-500ML
Tantalum, Ta	HNO <sub>3</sub> / HF	125 mL	CGTA10-125ML
Tellurium, Te	HCl	125 mL	CGTE10-125ML
		500 mL	CGTE10-500ML
Terbium, Tb	HNO <sub>3</sub>	30 mL	CGTB10-30ML
		125 mL	CGTB10-125ML
		500 mL	CGTB10-500ML
Thallium, Tl	HNO <sub>3</sub>	125 mL	CGTL10-125ML
		500 mL	CGTL10-500ML
Thorium, Th	HNO <sub>3</sub>	125 mL	CGTH10-125ML
Thulium, Tm	HNO <sub>3</sub>	30 mL	CGTM10-30ML
		125 mL	CGTM10-125ML
		500 mL	CGTM10-500ML
Tin, Sn	HNO <sub>3</sub> / HF	30 mL	CGSN10-30ML
		125 mL	CGSN10-125ML
		500 mL	CGSN10-500ML
Titanium, Ti	HNO <sub>3</sub> / HF	30 mL	CGTI10-30ML
		125 mL	CGTI10-125ML
		500 mL	CGTI10-500ML
Tungsten, W	HNO <sub>3</sub> / HF	125 mL	CGW10-125ML
		500 mL	CGW10-500ML
Uranium, U	HNO <sub>3</sub>	30 mL	CGU10-30ML
		125 mL	CGU10-125ML
		500 mL	CGU10-500ML
Vanadium, V	HNO <sub>3</sub>	30 mL	CGV10-30ML
		125 mL	CGV10-125ML
		500 mL	CGV10-500ML
Ytterbium, Yb	HNO <sub>3</sub>	30 mL	CGYB10-30ML
		125 mL	CGYB10-125ML
		500 mL	CGYB10-500ML
Yttrium, Y <small>Commonly used as an Internal Standard for ICP-OES.</small>	HNO <sub>3</sub>	30 mL	CGY10-30ML
		125 mL	CGY10-125ML
		500 mL	CGY10-500ML

Manufactured with high-purity starting materials and reagents. Products can be used for calibration of analytical instruments, validation of analytical methods, or for other applications deemed fit for purpose by the end-user. Certificate of Analysis includes lot specific trace metal impurity analysis.

Need a specific starting material or matrix? Custom 10 ppm single element solutions available upon request. Need a multielement solution? We can do that too!

10,000 µg/mL

ANALYTE	MATRIX	VOLUME	CATALOG #
Zinc, Zn	HNO <sub>3</sub>	30 mL	CGZN10-30ML
		125 mL	CGZN10-125ML
		500 mL	CGZN10-500ML
Zirconium, Zr	HF	30 mL	CGZR10-30ML
		125 mL	CGZR10-125ML
		500 mL	CGZR10-500ML
Zirconium, Zr HF free	HCl	125 mL	CGZRCL10-125ML
		500 mL	CGZRCL10-500ML

**Your Winning Strategy Starts Here**

**ICP CONFERENCE 2024**  
Winning Moves in the Lab

SEPT. 17-19 » CHRISTIANSBURG, VA

## Inorganic Ventures' Annual ICP Conference

Calling all ICP users – don't miss our annual ICP Conference held in the fall.

You will hear from Inorganic Ventures' experts on a wide range of topics, including Sample Preparation Basics for ICP, Sample and CRM Stability Considerations, Trace Metals Analysis and much more.

For more information, visit <https://web.inorganicventures.com/icp-training-2024>