

## SINGLE-ELEMENT STANDARDS

## 10 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 µg/mL

ANALYTE	MATRIX	VOLUME	CATALOG #
Aluminum, Al	HNO <sub>3</sub>	125 mL	MSAL-10PPM-125ML
Antimony, Sb	HNO <sub>3</sub> / Tartaric Acid	125 mL	MSSB-10PPM-125ML
Arsenic, As	HNO <sub>3</sub>	125 mL	MSAS-10PPM-125ML
Barium, Ba	HNO <sub>3</sub>	125 mL	MSBA-10PPM-125ML
Beryllium, Be	HNO <sub>3</sub>	125 mL	MSBE-10PPM-125ML
Bismuth, Bi	HNO <sub>3</sub>	125 mL	MSBI-10PPM-125ML
Boron, B	HNO <sub>3</sub>	125 mL	MSB-10PPM-125ML
<sup>10</sup> Boron, <sup>10</sup> B	HNO <sub>3</sub>	100 mL*	MS10B-10PPM-100ML
<sup>11</sup> Boron, <sup>11</sup> B	HNO <sub>3</sub>	100 mL*	MS11B-10PPM-100ML
Cadmium, Cd	HNO <sub>3</sub>	125 mL	MSCD-10PPM-125ML
Calcium, Ca	HNO <sub>3</sub>	125 mL 500 mL	MSCA-10PPM-125ML MSCA-10PPM-500ML
Cerium, Ce	HNO <sub>3</sub>	125 mL	MSCE-10PPM-125ML
Cesium, Cs	HNO <sub>3</sub>	125 mL	MSCS-10PPM-125ML
Chromium <sup>+3</sup> , Cr <sup>+3</sup>	HNO <sub>3</sub>	125 mL	MSCR(3)-10PPM-125ML
Chromium <sup>+6</sup> , Cr <sup>+6</sup>	H <sub>2</sub> O	125 mL	MSCR(6)-10PPM-125ML
Cobalt, Co	HNO <sub>3</sub>	125 mL	MSCO-10PPM-125ML
Copper, Cu	HNO <sub>3</sub>	125 mL	MSCU-10PPM-125ML
Germanium, Ge	HNO <sub>3</sub> / HF	125 mL	MSGE-10PPM-125ML
Gold, Au	HCl	125 mL 500 mL	MSAU-10PPM-125ML MSAU-10PPM-500ML
Hafnium, Hf	HNO <sub>3</sub> / HF	125 mL 500 mL	MSHF-10PPM-125ML MSHF-10PPM-500ML
Holmium, Ho	HNO <sub>3</sub>	125 mL	MSHO-10PPM-125ML
Indium, In	HNO <sub>3</sub>	125 mL	MSIN-10PPM-125ML
Iron, Fe	HNO <sub>3</sub>	125 mL	MSFE-10PPM-125ML
Lead, Pb	HNO <sub>3</sub>	125 mL	MSPB-10PPM-125ML
Lithium, Li	HNO <sub>3</sub>	125 mL	MSLI-10PPM-125ML
<sup>6</sup> Lithium, <sup>6</sup> Li	HNO <sub>3</sub>	125 mL	MS6LI-10PPM-125ML
Magnesium, Mg	HNO <sub>3</sub>	125 mL 500 mL	MSMG-10PPM-125ML MSMG-10PPM-500ML
Manganese, Mn	HNO <sub>3</sub>	125 mL 500 mL	MSMN-10PPM-125ML MSMN-10PPM-500ML

\*Note: Size is 100 mL not 125 mL.

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ANALYTE	MATRIX	VOLUME	CATALOG #
Mercury, Hg	HCl	125 mL	MSHG-10PPM-125ML
		500 mL	MSHG-10PPM-500ML
Mercury, Hg	HNO <sub>3</sub>	125 mL	MSHGN-10PPM-125ML
		500 mL	MSHGN-10PPM-500ML
Molybdenum, Mo	NH <sub>4</sub> OH	125 mL	MSMO-10PPM-125ML
Nickel, Ni	HNO <sub>3</sub>	125 mL	MSNI-10PPM-125ML
Osmium, Os	HCl	125 mL	MSOS-10PPM-125ML
Phosphorus, P	H <sub>2</sub> O	125 mL	MSP-10PPM-125ML
Platinum, Pt	HCl	125 mL	MSPT-10PPM-125ML
Potassium, K	HNO <sub>3</sub>	125 mL	MSK-10PPM-125ML
Rhodium, Rh	HCl	125 mL	MSRH-10PPM-125ML
Rhodium, Rh	HNO <sub>3</sub>	125 mL	MSRHN-10PPM-125ML
Scandium, Sc	HNO <sub>3</sub>	125 mL	MSSC-10PPM-125ML
Selenium, Se	HNO <sub>3</sub>	125 mL	MSSE-10PPM-125ML
Silicon, Si	HNO <sub>3</sub> / HF	125 mL	MSSI-10PPM-125ML
Silver, Ag	HNO <sub>3</sub>	125 mL	MSAG-10PPM-125ML
Sodium, Na	HNO <sub>3</sub>	125 mL	MSNA-10PPM-125ML
		500 mL	MSNA-10PPM-500ML
Strontium, Sr	HNO <sub>3</sub>	125 mL	MSSR-10PPM-125ML
Sulfur, S	H <sub>2</sub> O	125 mL	MSS-10PPM-125ML
Tellurium, Te	HNO <sub>3</sub>	125 mL	MSTEN-10PPM-125ML
Terbium, Tb	HNO <sub>3</sub>	125 mL	MSTB-10PPM-125ML
Thallium, Tl	HNO <sub>3</sub>	125 mL	MSTL-10PPM-125ML
Thorium, Th	HNO <sub>3</sub>	125 mL	MSTH-10PPM-125ML
Tin, Sn	HNO <sub>3</sub> / HF	125 mL	MSSN-10PPM-125ML
		500 mL	MSSN-10PPM-500ML
Titanium, Ti	HNO <sub>3</sub> / HF	125 mL	MSTI-10PPM-125ML
Tungsten, W	HNO <sub>3</sub> / HF	125 mL	MSW-10PPM-125ML
Uranium, U	HNO <sub>3</sub>	125 mL	MSU-10PPM-125ML
		500 mL	MSU-10PPM-500ML
Vanadium, V	HNO <sub>3</sub>	125 mL	MSV-10PPM-125ML
Yttrium, Y	HNO <sub>3</sub>	125 mL	MSY-10PPM-125ML
Zinc, Zn	HNO <sub>3</sub>	125 mL	MSZN-10PPM-125ML
		500 mL	MSZN-10PPM-500ML