







Isotopic Standards

Alfa Aesar offers a selection of isotope reference materials. These are non-radioactive, “stable” isotopes and can be handled like any aqueous metal standard. These solution standards are intended for use with ICP, DCP or ICP-MS. These techniques are capable of determining the concentrations of many elements quickly, either simultaneously or sequentially.



Stock #	Description	Size
45272	Boron 10, ¹⁰B, plasma standard solution, Specpure[®], ¹⁰B 100µg/ml Matrix: H ₂ O, Liquid, †	50ml
45273	Boron 11, ¹¹B, plasma standard solution, Specpure[®], ¹¹B 100µg/ml Matrix: H ₂ O, Liquid, †	50ml
45274	Cadmium 106, ¹⁰⁶Cd, plasma standard solution, Specpure[®], ¹⁰⁶Cd 10µg/ml Matrix: 2% HNO ₃ , Liquid, UN3264, †  R:34, S:23b-26-36/37/39-45	50ml
45275	Chromium 50, ⁵⁰Cr, plasma standard solution, Specpure[®], ⁵⁰Cr 10µg/ml Matrix: 2% HNO ₃ , Liquid, UN3264, †  R:34, S:23b-26-36/37/39-45	50ml
45276	Copper 65, ⁶⁵Cu, plasma standard solution, Specpure[®], ⁶⁵Cu 10µg/ml Matrix: 2% HNO ₃ , Liquid, UN3264, †  R:34, S:23b-26-36/37/39-45	50ml
45277	Iron 57, ⁵⁷Fe, plasma standard solution, Specpure[®], ⁵⁷Fe 10µg/ml Matrix: 2% HNO ₃ , Liquid, UN3264, †  R:34, S:23b-26-36/37/39-45	50ml
45278	Lead, Natural Pb, plasma standard solution, Specpure[®], Natural Pb 100µg/ml Matrix: 2% HNO ₃ , Liquid, UN3264, †  R:34, S:23b-26-36/37/39-45	50ml
45279	Lead, NIST Pb, plasma standard solution, Specpure[®], NIST Pb 100µg/ml Matrix: 2% HNO ₃ , Liquid, UN3264, †  R:34, S:23b-26-36/37/39-45	50ml

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45280	Lithium 6, ⁶Li, plasma standard solution, Specpure[®], ⁶Li 100µg/ml Matrix: 2% HNO ₃ , Liquid, UN3264, †  R:34, S:23b-26-36/37/39-45	100ml
45281	Neodymium, Natural Nd, plasma standard solution, Specpure[®], Natural Nd 10µg/ml Matrix: 2% HNO ₃ , Liquid, UN3264, †  R:34, S:23b-26-36/37/39-45	50ml
45282	Nickel 61, ⁶¹Ni, plasma standard solution, Specpure[®], ⁶¹Ni 10µg/ml Matrix: 2% HNO ₃ , Liquid, UN3264, †  R:34, S:23b-26-36/37/39-45	50ml
45283	Selenium 78, ⁷⁸Se, plasma standard solution, Specpure[®], ⁷⁸Se 10µg/ml Matrix: 2% HNO ₃ , Liquid, UN3264, †  R:34, S:23b-26-36/37/39-45	50ml
45284	Selenium 82, ⁸²Se, plasma standard solution, Specpure[®], ⁸²Se 10µg/ml Matrix: 2% HNO ₃ , Liquid, UN3264, †  R:34, S:23b-26-36/37/39-45	50ml
45285	Strontium, Natural Sr, plasma standard solution, Specpure[®], Natural Sr 100µg/ml Matrix: 2% HNO ₃ , Liquid, UN3264, †  R:34, S:23b-26-36/37/39-45	50ml
45286	Strontium 86, ⁸⁶Sr, plasma standard solution, Specpure[®], ⁸⁶Sr 10µg/ml Matrix: 2% HNO ₃ , Liquid, UN3264, †  R:34, S:23b-26-36/37/39-45	50ml
45287	Tin 122, ¹²²Sn, plasma standard solution, Specpure[®], ¹²²Sn 10µg/ml Matrix: 2% HNO ₃ /tr. HF, Liquid, UN3264, †   R:20/21/22-34, S:7/9-23b-26-36/37-45	50ml
45288	Thallium 203, ²⁰³Tl, plasma standard solution, Specpure[®], ²⁰³Tl 10µg/ml Matrix: 2% HNO ₃ , Liquid, UN3264, †  R:34, S:23b-26-36/37/39-45	50ml
45289	Zinc 68, ⁶⁸Zn, plasma standard solution, Specpure[®], ⁶⁸Zn 10µg/ml Matrix: 2% HNO ₃ , Liquid, UN3264, †  R:34, S:23b-26-36/37/39-45	50ml

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