

# Specpure® Oil-Based Standards for Wear Metal Analysis



Alfa Aesar Specpure® Oil-Based Standards were developed specifically for analysis of metals in organic matrices via ICP/DCP, AAS, Rotrode or XRF. These standards can be applied to many different industries, including aircraft, automotive, energy, environmental, and heavy equipment.

Our standards are prepared with proprietary organometallic compounds in a matrix of hydrocarbon oil. Like all Alfa Aesar Specpure® products, they are produced from the highest purity raw materials available, and are accompanied by a Certificate of Analysis.

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## Analytical chemistry

Accuracy, purity, quality >



	14229	Aluminum, Oil based standard solution, Specpure®, Al 1000µg/g
	42432	Aluminum, Oil based standard solution, Specpure®, Al 5000µg/g
	14207	Antimony, Oil based standard solution, Specpure®, Sb 1000µg/g
	42433	Antimony, Oil based standard solution, Specpure®, Sb 5000µg/g
	43864	Arsenic, Oil based standard solution, Specpure®, As 1000µg/g
	14230	Barium, Oil based standard solution, Specpure®, Ba 1000µg/g
	42434	Barium, Oil based standard solution, Specpure®, Ba 5000µg/g
	14221	Beryllium, Oil based standard solution, Specpure®, Be 1000µg/g
	14223	Bismuth, Oil based standard solution, Specpure®, Bi 1000µg/g
	43865	Bismuth, Oil based standard solution, Specpure®, Bi 5000µg/g
	14227	Boron, Oil based standard solution, Specpure®, B 1000µg/g
	42435	Boron, Oil based standard solution, Specpure®, B 5000µg/g
	14228	Cadmium, Oil based standard solution, Specpure®, Cd 1000µg/g
	42436	Cadmium, Oil based standard solution, Specpure®, Cd 5000µg/g

	14225	Calcium, Oil based standard solution, Specpure®, Ca 1000µg/g
	42437	Calcium, Oil based standard solution, Specpure®, Ca 5000µg/g
	14222	Chromium, Oil based standard solution, Specpure®, Cr 1000µg/g
	42438	Chromium, Oil based standard solution, Specpure®, Cr 5000µg/g
	47143	Cobalt, Oil based standard solution, Specpure®, Co 1000µg/g
	47276	Copper, Oil based standard solution, Specpure®, Cu 1000µg/g
	47225	Copper, Oil based standard solution, Specpure®, Cu 5000µg/g
	14220	Iron, Oil based standard solution, Specpure®, Fe 1000µg/g
	42440	Iron, Oil based standard solution, Specpure®, Fe 5000µg/g
	36762	JM-21 Multi-element Oil Based Standard, Specpure®, 100µg/g
	36769	JM-21 Multi-element Oil Based Standard, Specpure®, 900µg/g
	36766	JM Special, Multi-element Oil Based Standard, Specpure®, 900µg/g
	14224	Lanthanum, Oil based standard solution, Specpure®, La 1000µg/g
	14208	Lead, Oil based standard solution, Specpure®, Pb 1000µg/g
	42441	Lead, Oil based standard solution, Specpure®, Pb 5000µg/g
	14215	Lithium, Oil based standard solution, Specpure®, Li 1000µg/g
	42442	Lithium, Oil based standard solution, Specpure®, Li 5000µg/g

14219	Magnesium, Oil based standard solution, Specpure®, Mg 1000µg/g
42443	Magnesium, Oil based standard solution, Specpure®, Mg 5000µg/g
14214	Manganese, Oil based standard solution, Specpure®, Mn 1000µg/g
42444	Manganese, Oil based standard solution, Specpure®, Mn 5000µg/g
44012	Matrix oil, 20 centistoke hydrocarbon oil
14621	Matrix oil, 75 centistoke hydrocarbon oil
43756	Mercury, Oil based standard solution, Specpure®, Hg 1000µg/g
14213	Molybdenum, Oil based standard solution, Specpure®, Mo 1000µg/g
42445	Molybdenum, Oil based standard solution, Specpure®, Mo 5000µg/g
14211	Nickel, Oil based standard solution, Specpure®, Ni 1000µg/g
42446	Nickel, Oil based standard solution, Specpure®, Ni 5000µg/g
14210	Phosphorus, Oil based standard solution, Specpure®, P 1000µg/g
42447	Phosphorus, Oil based standard solution, Specpure®, P 5000µg/g
14216	Potassium, Oil based standard solution, Specpure®, K 1000µg/g
42448	Potassium, Oil based standard solution, Specpure®, K 5000µg/g
43129	Scandium, Oil based standard solution, Specpure®, Sc 1000µg/g
45305	Selenium, Oil based standard solution, Specpure®, Se 1000µg/g

	14199	Silver, Oil based standard solution, Specpure®, Ag 1000µg/g
	43868	Silver, Oil based standard solution, Specpure®, Ag 5000µg/g
	14212	Sodium, Oil based standard solution, Specpure®, Na 1000µg/g
	42449	Sodium, Oil based standard solution, Specpure®, Na 5000µg/g
	43871	Stabilizer for oil based standard solutions
	14205	Strontium, Oil based standard solution, Specpure®, Sr 1000µg/g
	43869	Sulfur, Oil based standard solution, Specpure®, S 1000µg/g
	43870	Sulfur, Oil based standard solution, Specpure®, S 5000µg/g
	45306	Thallium, Oil based standard solution, Specpure®, Tl 1000µg/g
	14206	Tin, Oil based standard solution, Specpure®, Sn 1000µg/g
	42450	Tin, Oil based standard solution, Specpure®, Sn 5000µg/g
	14204	Titanium, Oil based standard solution, Specpure®, Ti 1000µg/g
	42451	Titanium, Oil based standard solution, Specpure®, Ti 5000µg/g
	14203	Vanadium, Oil based standard solution, Specpure®, V 1000µg/g
	42452	Vanadium, Oil based standard solution, Specpure®, V 5000µg/g
	47172	Yttrium, Oil based standard solution, Specpure®, Y 1000µg/g
	14200	Zinc, Oil based standard solution, Specpure®, Zn 1000µg/g
	42453	Zinc, Oil based standard solution, Specpure®, Zn 5000µg/g



43127 Zirconium, Oil based standard solution, Specpure®, Zr 1000µg/g



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