

# Specpure® Ion Chromatography Standards



Alfa Aesar Ion Chromatography Standards save you money by eliminating the need to prepare and qualify your own IC standards. We've already done the work for you. Each of our standards is NIST traceable, so you can feel confident with your results when using them.

Specpure® is Alfa Aesar's trademark for a comprehensive range of standards. Our IC standards are made using Puratronic® starting materials (typically 99.999% pure) and 18 megaohm deionized water. All standards are pre-filtered to minimize column plugging and maximize shelf life. All Alfa Aesar standards are accompanied by a Certificate of Analysis which states the actual concentration and the traceability to NIST. Most are guaranteed to be stable for one year from the ship date, provided they are kept tightly capped and stored under normal laboratory conditions. Alfa Aesar's stringent quality guidelines, vast experience, and exceptional production control result in a standard you can trust.

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Россия +7(495)268-04-70

Казахстан +7(7172)727-132

Киргизия +996(312)96-26-47

<https://aesar.nt-rt.ru/> || [arj@nt-rt.ru](mailto:arj@nt-rt.ru)

## Specpure® Anion Standards



Specpure® is Alfa Aesar's trademark for a comprehensive range of standards. Our Anion Standards are made using Puratronic® starting materials (typically 99.999% pure) and 18 megaohm deionized water. All standards are pre-filtered to minimize column plugging and maximize shelf life. All Alfa Aesar standards are accompanied by a Certificate of Analysis which states the actual concentration and the traceability to NIST. Most are guaranteed to be stable for one year from the ship date, provided they are kept tightly capped and stored under normal laboratory conditions. Alfa Aesar's stringent quality guidelines, vast experience, and exceptional production control result in a standard you can trust.

## Karl Fischer reagents













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## Analytical chemistry

Accuracy, purity, quality >



	42563	Acetate, Ion chromatography standard solution, Specpure®, $\text{CH}_3\text{CO}_2^-$ 1000µg/ml
	35552	Bromide, Ion chromatography standard solution, Specpure®, $\text{Br}^-$ 1000µg/ml
	35551	Chloride, Ion chromatography standard solution, Specpure®, $\text{Cl}^-$ 1000µg/ml
	42564	Chromate, Ion chromatography standard solution, Specpure®, $\text{CrO}_4^{2-}$ 1000µg/ml
	42565	Dichromate, Ion chromatography standard solution, Specpure®, $\text{Cr}_2\text{O}_7^{2-}$ 1000µg/ml
	35550	Fluoride, Ion chromatography standard solution, Specpure®, $\text{F}^-$ 1000µg/ml
	42566	Formate, Ion chromatography standard solution, Specpure®, $\text{HCO}_2^-$ 1000µg/ml
	42567	Iodide, Ion chromatography standard solution, Specpure®, $\text{I}^-$ 1000µg/ml
	35549	Nitrate, Ion chromatography standard solution, Specpure®, $\text{NO}_3^-$ 1000µg/ml
	40020	Nitrite, Ion chromatography standard solution, Specpure®, $\text{NO}_2^-$ 1000 µg/ml
	42568	Oxalate, Ion chromatography standard solution, Specpure®, $\text{C}_2\text{O}_4^{2-}$ 1000µg/ml
	35548	Phosphate, Ion chromatography standard solution, Specpure®, $\text{PO}_4^{3-}$ 1000µg/ml

## Specpure® Cation Standards



Specpure® is Alfa Aesar's trademark for a comprehensive range of standards. Our Cation Standards are made using Puratronic® starting materials (typically 99.999% pure) and 18 megaohm deionized water. All standards are pre-filtered to minimize column plugging and maximize shelf life. All Alfa Aesar standards are accompanied by a Certificate of Analysis which states the actual concentration and the traceability to NIST. Most are guaranteed to be stable for one year from the ship date, provided they are kept tightly capped and stored under normal laboratory conditions. Alfa Aesar's stringent quality guidelines, vast experience, and exceptional production control result in a standard you can trust.

35560	Ammonium, Ion chromatography standard solution, Specpure®, $\text{NH}_4^+$ 1000 $\mu\text{g}/\text{ml}$
47208	Barium, Ion chromatography standard solution, Specpure®, $\text{Ba}^{2+}$ 1000 $\mu\text{g}/\text{ml}$
47234	Calcium, Ion chromatography standard solution, Specpure®, $\text{Ca}^{2+}$ 1000 $\mu\text{g}/\text{ml}$
47252	Lithium, Ion chromatography standard solution, Specpure®, $\text{Li}^+$ 1000 $\mu\text{g}/\text{ml}$
47258	Magnesium, Ion chromatography standard solution, Specpure®, $\text{Mg}^{2+}$ 1000 $\mu\text{g}/\text{ml}$
47260	Potassium, Ion chromatography standard solution, Specpure®, $\text{K}^+$ 1000 $\mu\text{g}/\text{ml}$
41696	Sodium, Ion chromatography standard solution, Specpure®, $\text{Na}^+$ 1000 $\mu\text{g}/\text{ml}$

# Specpure® Multi-Ion Standards



Alfa Aesar also supplies the multi-ion standards commonly used with Dionex and Waters ion chromatographs. Custom single and multi-ion standards are also available. Each solution is NIST traceable and comes with a Certificate of Analysis and an expiration date sticker.

41693	Multi Ion anion IC standard solution in H <sub>2</sub> O, Specpure®
41694	Multi Ion anion IC standard solution in H <sub>2</sub> O, Specpure®
35565	Multi Ion anion IC standard solution, Specpure® (Dionex) in H <sub>2</sub> O
35564	Multi Ion anion IC standard solution, Specpure® (Waters) in H <sub>2</sub> O
41695	Multi Ion cation IC standard solution, Specpure® (Dionex) in 5% HNO <sub>3</sub>

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