

Standardized Solutions



Alfa Aesar is pleased to offer a comprehensive line of Standardized Solutions for the analytical chemists laboratory needs.

We offer the following solutions:

Standardized Aqueous Solutions
Aqueous Percent Solutions Standard
Volumetric Solutions

Алматы (7273)495-231
Ангарск (3955)60-70-56
Архангельск (8182)63-90-72
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
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Красноярск (391)204-63-61
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Курган (3522)50-90-47
Липецк (4742)52-20-81

Магнитогорск (3519)55-03-13
Москва (495)268-04-70
Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41
Нижний Новгород (831)429-08-12
Новокузнецк (3843)20-46-81
Ноябрьск (3496)41-32-12
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Киргизия +996(312)96-26-47

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Aqueous Percent Solutions



Alfa Aesar is pleased to offer this complete line of aqueous percent solutions. Only pure reagent grade water and ACS ingredients are used in their manufacture, offering you value and confidence in critical analytical work.

**Special Offer: Over 9,000
Unique building blocks available**




















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	35569	Acetic acid, 1% v/v aq. soln.
	35572	Acetic acid, 4% v/v aq. soln.
	35575	Ammonium hydroxide, 10% v/v aq. soln.
	35574	Ammonium hydroxide, 50% v/v aq. soln.
	35579	Ammonium molybdate (di), 10% w/v aq. soln.
	35578	Ammonium molybdate (di), 4% w/v aq. soln.
	35584	Barium chloride, 10% w/v aq. soln.
	35611	Hydrochloric acid, 10% v/v aq. soln.
	35607	Hydrochloric acid, 50% v/v aq. soln.
	43335	Hydrochloric acid, 5% v/v aq. soln.
	35617	Oxalic acid, 10% w/v aq. soln.
	35619	Oxalic acid, 5% w/v aq. soln.
	35615	Potassium hydroxide, 10% w/v aq. soln.
	46330	Potassium hydroxide, 25% w/v aq. soln.
	10979	Potassium hydroxide, 30% w/v aq. soln.
	46072	Potassium hydroxide, 45% w/w aq. soln
	35621	Potassium hydroxide, 50% w/v aq. soln.
	35637	Sodium hydroxide, 20% w/v aq. soln.
	87864	Sodium hydroxide, 30% w/w aq. soln.

	35639	Sodium hydroxide, 40% w/v aq. soln.
	33382	Sodium hydroxide, 50% w/w aq. soln.
	35604	Sodium hydroxide, 5% w/v aq. soln.
	42552	Sulfuric acid, 10% v/v aq. soln.
	42554	Sulfuric acid, 15% v/v aq. soln.
	39669	Sulfuric acid, 20% v/v aq. soln.
	39668	Sulfuric acid, 50% v/v aq. soln.
	35606	Sulfuric acid, 5% v/v aq. soln.
	42555	Sulfuric acid, 75% v/v aq. soln.

Standardized Aqueous Solutions



Alfa Aesar is pleased to offer this complete line of standardized solutions. The concentrations are prepared with ingredients that meet or exceed ACS specifications, and tested to a tolerance of $\pm 0.1\%$ against NIST standards. These solutions will save hours of valuable lab time (and expense) encountered in making up your own, and offer a level of confidence required for critical lab analysis.

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	35567	Acetic acid, 0.1N Standardized Solution
	35566	Acetic acid, 1.0N Standardized Solution
	35568	Aluminum chloride, 6.0N Standardized Solution
	35576	Ammonium hydroxide, 0.1N Standardized Solution
	35614	Ammonium hydroxide, 1.0N Standardized Solution
	35577	Ammonium hydroxide, 5.0N Standardized Solution
	35580	Ammonium thiocyanate, 0.1N Standardized Solution
	35582	Barium chloride, 0.1N Standardized Solution
	35583	Barium chloride, 0.5N Standardized Solution
	35650	Cerium(IV) sulfate, 0.1N Standardized Solution
	39781	Ethylenediaminetetraacetic acid disodium salt, 0.100N (0.050M) Standardized solution
	39782	Ethylenediaminetetraacetic acid disodium salt, 0.115N (0.0575M) Standardized solution
	39783	Ethylenediaminetetraacetic acid disodium salt, 0.200N (0.1M) Standardized solution
	35648	Hydrochloric acid, 0.01N Standardized Solution
	35646	Hydrochloric acid, 0.05N Standardized Solution
	35644	Hydrochloric acid, 0.1N Standardized Solution
	35642	Hydrochloric acid, 0.5N Standardized Solution
	35640	Hydrochloric acid, 1.0N Standardized Solution

	35638	Hydrochloric acid, 5.0N Standardized Solution
	35636	Iodine, 0.01N Standardized Solution
	35634	Iodine, 0.1N Standardized Solution
	35632	Iodine, 1.0N Standardized Solution
	44488	Iodine, 1.0N Standardized Solution in ethanol
	35628	Lactic acid, 1.0N Standardized Solution
	35626	Nitric acid, 0.1N Standardized Solution
	35624	Nitric acid, 1.0N Standardized Solution
	44528	Nitric acid, 2.0N Standardized Solution
	35622	Oxalic acid, 0.1N Standardized Solution
	35593	Potassium bromate/Potassium bromide, 0.1N Standardized Solution
	35589	Potassium dichromate, 0.025N Standardized Solution
	35618	Potassium dichromate, 0.1N Standardized Solution
	35587	Potassium dichromate, 0.25N Standardized Solution
	35600	Potassium hydrogen iodate, 0.025N Standardized Solution
	35603	Potassium hydrogen phthalate, 0.05N Standardized Solution

	35599	Potassium hydroxide, 0.1N Standardized Solution
	35595	Potassium hydroxide, 0.5N Standardized Solution
	35592	Potassium hydroxide, 1.0N Standardized Solution
	35586	Potassium iodate, 0.1N Standardized Solution
	35590	Potassium permanganate, 0.1N Standardized Solution
	35602	Potassium thiocyanate, 0.1N Standardized Solution
	35601	Silver nitrate, 0.1N Standardized Solution
	35597	Silver nitrate, 1.0N Standardized Solution
	41533	Sodium arsenite, 0.1N Standardized Solution
	35609	Sodium carbonate, 0.05N Standardized Solution
	35616	Sodium chloride, 0.1N Standardized Solution
	35620	Sodium hydroxide, 0.01N Standardized Solution
	35623	Sodium hydroxide, 0.05N Standardized Solution
	35625	Sodium hydroxide, 0.1N Standardized Solution
	35627	Sodium hydroxide, 0.5N Standardized Solution
	35635	Sodium hydroxide, 10.0N Standardized Solution

	35629	Sodium hydroxide, 1.0N Standardized Solution
	35631	Sodium hydroxide, 2.0N Standardized Solution
	47124	Sodium hydroxide, 3.0N Standardized Solution
	35633	Sodium hydroxide, 5.0N Standardized Solution
	43015	Sodium nitrite, 0.1M Standardized Solution
	35643	Sodium thiosulfate, 0.01N Standardized Solution
	35645	Sodium thiosulfate, 0.1N Standardized Solution
	35647	Sodium thiosulfate, 1.0N Standardized Solution
	35649	Sulfuric acid, 0.02N Standardized Solution
	35651	Sulfuric acid, 0.1N Standardized Solution
	35653	Sulfuric acid, 0.5N Standardized Solution
	35655	Sulfuric acid, 1.0N Standardized Solution
	43082	Sulfuric acid, 3.0N Standardized Solution
	35613	Sulfuric acid, 5.0N Standardized Solution
	35610	Sulfuric acid, 6.0N Standardized Solution

Standard Volumetric Solutions



Analytical Concentrates for Volumetric, Ionic, and Flame Standard Solutions

These standards save time and are easy to use

Just transfer the contents of the ampoule or polyethylene container to a volumetric flask and dilute to exactly 1000mL with deionized water and your fully standardized solution is ready to use - there is no need for subsequent standardization.

These standards are accurate

Specially designed volume measuring equipment is used in the filling operation to ensure EXACT concentrated equivalent of the normality stated on the label, to a guaranteed accuracy.

These standards are convenient

packaged in sealed ampoules or polyethylene containers, various solutions and normalities can be stored in a minimum of space and are indefinitely stable in concentrated form.

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	88556	Acetic acid, Acculute Standard Volumetric Solution, Final Concentration 1.0N
	88576	Ammonium hydroxide, Acculute Standard Volumetric Solution, Final Concentration 0.1N
	88584	Ammonium iron(II) sulfate, dry, Acculute Standard Volumetric Solution, Final Concentration 0.1N
	88592	Potassium bromate, Acculute Standard Volumetric Solution, Final Concentration 0.1N
	88604	Potassium hydroxide, Acculute Standard Volumetric Solution, Final Concentration 0.1N
	88602	Potassium hydroxide, Acculute Standard Volumetric Solution, Final Concentration 0.5N
	88605	Potassium iodate, Acculute Standard Volumetric Solution, Final Concentration 0.1N
	88614	Silver nitrate, Acculute Standard Volumetric Solution, Final Concentration 0.1N
	88617	Sodium carbonate, Acculute Standard Volumetric Solution, Final Concentration 0.1N
	88623	Sodium hydroxide, Acculute Standard Volumetric Solution, Final Concentration 0.1N
	88620	Sodium hydroxide, Acculute Standard Volumetric Solution, Final Concentration 0.5N
	88626	Sodium oxalate, Acculute Standard Volumetric Solution, Final Concentration 0.1N
	88628	Sodium thiosulfate, Acculute Standard Volumetric Solution, Final Concentration 0.1N



88632 Starch indicator solution 1%, Acculute Standard Volumetric Solution, Final Volume IL



88568 Sulfuric acid, Acculute Standard Volumetric Solution, Final Concentration 2.0N

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