

# Ion Exchange Resins



Alfa Aesar is proud to offer an extensive line of ion exchange resins. Our decades of experience in offering these resins gives us the knowledge you need to proceed with your research and development.

We offer the following types of resins:

## Gel □ Type resins:

The gel-type resins of the styrene-DVB [poly(styrene-divinylbenzene)] type date back to 1947. These materials do not contain any true porosity. Ions to be exchanged must diffuse through the gel structure to the exchange sites. The intermolecular distances which will limit the size of the ion that can migrate through the gel is often referred to as the apparent porosity. Even in low crosslinked gel-type resins, the apparent porosity is usually no greater than 40 Angstroms.

## Macroreticular resins:

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  
Благовещенск (4162)22-76-07  
Брянск (4832)59-03-52  
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Вологда (8172)26-41-59  
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## Analytical chemistry

Accuracy, purity, quality >





























	L19468	(±)-1-Glycerol, polymer-supported, 0.8-1.1 mmol/g on Merrifield resin
	H32305	Agarose beads 4% B-CL (Cross-linked)
	H32491	Agarose beads 6% B
	H32568	Agarose beads 6% B-CL (Cross-linked)
	A12130	AmberChrom 1x2 50-100 (Cl)
	L13944	Amberchrom® 50Wx2 100-200 (H)
	L13945	AmberChrom 50Wx2 200-400 (H)
	L13921	AmberChrom 50Wx8 100-200 (H)
	B22109	AMBERCHROM® 50WX8 50-100 (H)
	45903	Amberlite® FPC3500(H), ion exchange resin
	H37877	Amberlite HPR4800 (OH), Ion Exchange Resin
	42252	Amberlite® IRA-200C(Na), ion exchange resin
	B25556	Amberlite IRA-402(Cl), ion exchange resin
	A18185	Amberlite IRA-402(OH), ion exchange resin

A17734	Amberlite IRA-410(Cl), ion exchange resin
42253	Amberlite® IRA-67, ion exchange resin
L19567	Amberlite® IRA-900(Cl), ion exchange resin
42702	Amberlite® IRA-958(Cl), ion exchange resin
H32475	Amberlite® IRA-96, ion exchange resin
L14285	Amberlite® IRC-120(H), ion exchange resin
L15199	Amberlite® IRC120 Na ion exchange resin
L19570	Amberlite® IRC-748, ion exchange resin
40992	Amberlite® IRN-150, ion exchange resin
16821	Amberlite® IRN-77, ion exchange resin, nuclear grade
45591	Amberlite® IRN-78, ion exchange resin, nuclear grade
L16097	Amberlite XAD-1180
L19565	Amberlite XAD-16
L14142	Amberlite XAD-4
L19564	Amberlite XAD-7
89079	Amberlyst® 15(H), ion exchange resin
44079	Amberlyst® 15(H), wet, ion exchange resin
A17956	Amberlyst® A-21, ion exchange resin
A17361	Amberlyst® A-26(OH), ion exchange resin

	L19035	Ambersep® 900(OH), ion exchange resin
	L19600	BT-Core resin, 1.4-2.2 mmol/g
	46544	Diaion® CR11(Na), chelating resin, highly porous type, 0.5 mmole/ml on poly(styrene-divinylbenzene)
	46781	Diaion® CR20, chelating resin, highly porous type, 0.4 mmole/ml on poly(styrene-divinylbenzene)
	46861	Diaion® CRB03(OH), chelating resin, highly porous type, 0.7 meq/ml on poly(styrene-divinylbenzene)
	46721	Diaion® CRB05(OH), chelating resin, highly porous type, 0.95 meq/ml on poly(styrene-divinylbenzene)
	46488	Diaion® HP20, synthetic adsorbent resin, highly porous type
	46860	Diaion® HP2MGL, synthetic adsorbent resin, highly porous type, 10g/L on polymethacrylate, P.R. 240 angstroms
	46691	Diaion® HPA25(Cl), ion exchange resin, highly cross-linked, strongly basic highly porous type I, 0.5 meq/ml on PS-DVB
	46942	Diaion® NSA100(Cl), ion exchange resin, highly cross-linked, strongly basic gel type I, 1.3 meq/ml on PS-DVB
	46990	Diaion® PA308(Cl), ion exchange resin, 4% cross-linked, strongly basic porous type I, 1.0 meq/ml on PS-DVB
	46426	Diaion® PA312(Cl), ion exchange resin, 6% cross-linked, strongly basic porous type I, 1.2 meq/ml on PS-DVB
	46641	Diaion® PA316(Cl), ion exchange resin, 8% cross-linked, strongly basic porous type I, 1.3 meq/ml on PS-DVB
	46474	Diaion® PA408(Cl), ion exchange resin, 4% cross-linked, strongly basic porous type II, 0.9 meq/ml on PS-DVB
	46984	Diaion® PA412(Cl), ion exchange resin, 6% cross-linked, strongly basic porous type II, 1.1 meq/ml on PS-DVB
	46837	Diaion® PA418(Cl), ion exchange resin, 9% cross-linked, strongly basic porous type II, 1.3 meq/ml on PS-DVB
	46476	Diaion® PK208(Na), ion exchange resin, 4% cross-linked, strongly acidic porous type, 1.2 meq/ml on PS-DVB

46593	Diaion® PK212L(Na), ion exchange resin, 6% cross-linked, strongly acidic porous type, 1.5 meq/ml on PS-DVB
46718	Diaion® PK216(Na), ion exchange resin, 8% cross-linked, strongly acidic porous type, 1.75 meq/ml on PS-DVB
46511	Diaion® PK220(Na), ion exchange resin, 10% cross-linked, strongly acidic porous type, 1.9 meq/ml on PS-DVB
46935	Diaion® PK228(Na), ion exchange resin, 14% cross-linked, strongly acidic porous type, 2.05 meq/ml on PS-DVB
46699	Diaion® RCP160M(H), ion exchange resin, highly cross-linked, strongly acidic highly porous type, 1.5 meq/ml on PS-DVB
46796	Diaion® SA10A(Cl), ion exchange resin, cross-linked, strongly basic gel type I, 1.3 meq/ml on PS-DVB
46980	Diaion® SA11A(Cl), ion exchange resin, lightly cross-linked, strongly basic gel type I, 0.85 meq/ml on PS-DVB
46434	Diaion® SA12A(Cl), ion exchange resin, moderately cross-linked, strongly basic gel type I, 1.3 meq/ml on PS-DVB
46708	Diaion® SA20A(Cl), ion exchange resin, cross-linked, strongly basic gel type II, 1.3 meq/ml on PS-DVB
46452	Diaion® SK104(Na), ion exchange resin, 4% cross-linked, strongly acidic gel type, 1.2 meq/ml on PS-DVB
46976	Diaion® SK112(Na), ion exchange resin, 12% cross-linked, strongly acidic gel type, 2.1 meq/ml on PS-DVB
46398	Diaion® SK1B(Na), ion exchange resin, 8% cross-linked, strongly acidic gel type, 2.0 meq/ml on PS-DVB
46938	Diaion® UBA100(Cl), ion exchange resin, cross-linked, strongly basic gel type, 1.3 meq/ml on PS-DVB
46772	Diaion® UBK08(Na), ion exchange resin, 8% cross-linked, strongly acidic gel type, 2.0 meq/ml on PS-DVB
46922	Diaion® UBK10(Na), ion exchange resin, 10% cross-linked, strongly acidic gel type, 2.2 meq/ml on PS-DVB
46671	Diaion® UBK12(Na), ion exchange resin, 12% cross-linked, strongly acidic gel type, 2.3 meq/ml on PS-DVB
46816	Diaion® UBK16(Na), ion exchange resin, 16% cross-linked, strongly acidic gel type, 2.3 meq/ml on PS-DVB
46485	Diaion® UBK530(Na), ion exchange fractionation resin, 6% cross-linked, strongly acidic gel type, 1.6 meq/ml on PS-DVB

	46609	Diaion® UBK550(Na), ion exchange fractionation resin, 8% cross-linked, strongly acidic gel type, 1.9 meq/ml on PS-DVB
	46731	Diaion® UBK555(Ca), ion exchange fractionation resin, 8% cross-linked, strongly acidic gel type, 2.0 meq/ml on PS-DVB
	46918	Diaion® WA20, ion exchange resin, weakly basic porous type, 2.5 meq/ml on poly(styrene-divinylbenzene)
	46418	Diaion® WA21J, ion exchange resin, weakly basic porous type, 2.0 meq/ml on poly(styrene-divinylbenzene)
	46592	Diaion® WA30, ion exchange resin, weakly basic porous type, 1.5 meq/ml on poly(styrene-divinylbenzene)
	46647	Diaion® WK100(H), ion exchange resin, weakly acidic porous type, 2.9 meq/ml on polymethacrylate, high reaction rate
	46797	Diaion® WK60L(H), ion exchange resin, weakly acidic porous type, 4.4 meq/ml on polyacrylate
	46342	Diaion® WT01S(H), ion exchange resin, weakly acidic porous type, 3.0 meq/ml on polymethacrylate, high reaction rate
	L14254	Dowex® 1X2 100-200 (Cl)
	L14257	Dowex® 1X8 100-200 (Cl)
	L14258	Dowex® 1X8 200-400 (Cl)
	L14256	Dowex® 1X8 50-100 (Cl)
	L13943	Dowex® 50WX2 50-100 (H)
	L13917	Dowex® 50WX4 100-200 (H)
	L13918	Dowex® 50WX4 200-400 (H)
	L13922	Dowex® 50WX8 200-400 (H)
	L19597	Epoxide functional resin, ca 2 mmol/g
	42489	Inhibitor removal resin

	43705	Ionac® NM-65, Ion Exchange Resin, Indicator dyed
	L17027	Merrifield Resin, 1% crosslinked, 200-400 mesh, 1.0-1.3mmol/g
	L19593	N-Acryloylsarcosine methyl ester resin, ca 1 mmol/g
	L19463	N-Cyclohexylcarbodiimide, 0.8-1.0 mmol/g on Merrifield resin
	46848	Sepabeads® SP207, synthetic adsorbent resin, highly porous type, brominated PS-DVB, P.R. 110 angstroms
	46410	Sepabeads® SP70, synthetic adsorbent resin, highly porous type, PS-DVB, P.R. 70 angstroms
	46555	Sepabeads® SP710, synthetic adsorbent resin, highly porous type, PS-DVB, P.R. 90 angstroms
	46882	Sepabeads® SP825L, synthetic adsorbent resin, highly porous type, PS-DVB, P.R. 70 angstroms
	46594	Sepabeads® SP850, synthetic adsorbent resin, highly porous type, PS-DVB, P.R. 45 angstroms
	L19369	Wang resin, 2% cross-linked, 0.8-1.1mmol/g, 200-400 mesh

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