

Ion Selectivities

STRONG ACID CATION RESIN			STRONG BASE ANION RESIN			
ION	CG8	CG10	ION	SBG1	SBG1P	SBG2
	K	K		K	K	K
Ammonia ⁺¹	2.01	2.15	Acetate	3.2	1.89	0.28
Barium ⁺²	9.06	9.42	Bicarbonate	6	33.56	0.82
Cadmium ⁺²	3.06	3.23	Bisulfate	85	45.56	9.38
Calcium ⁺²	4.06	4.42	Bromide	50	31.11	3.54
Cerium Ce ⁺³	8.35		Carbonate ⁺²	0.45	-	-
Cesium ⁺¹	2.56	2.77	Chloride	22	11.11	1.54
Cobalt ⁺²	2.94	2.92	Ce (Cn) ₆	-	-	20.00
Copper ⁺²	2.03	3.15	Fe (Cn) ₆	-	0.06	-
Hydrogen ⁺¹	1.00	1.00	Fluoride	1.6	1.00	.020
Iron ⁺²	3.06		Hydroxide	1	1.00	1.00
La ⁺³	8.43		Nitrate	65	42.22	5.08
Lead ⁺²	7.8	8.92	Nitrite	24	13.33	2.00
Lithium ⁺¹	0.79	0.77	Sulfate	5.28	2.71	0.375
Magnesium ⁺²	2.59	2.62	Wo ₄		0.07	
Nickel ⁺²	3.09	3.08				
Potassium ⁺¹	2.28	2.54				
Radium ⁺²	32.5	44.2				
Rubidium ⁺¹	2.49	2.69				
Silver ⁺¹	6.7	8.15				
Sodium ⁺¹	1.56	1.61				
Strontium ⁺²	5.13	5.85				
Thorium ⁺⁴ (25%)	50,000					
Te ⁺²	9.76	12.6				
Uo2 ⁺²	1.93	2				
Zinc ⁺²	2.73	2.77				