

ID	Adsorbent	Production area	Particle size	Aqueous solution			Amount of adsorbent [g]	Solution volume V[ml]	Mixing time(1) [h]	Ion concentration of the solution				I adsorption ratio [%]	Kd(1)
				Composition, etc.	pH	Filtration ○:Yes ×:No				Cs [ppm]	Sr(2) [ppm]	I(3) [ppm]			
	LDH/synthesis mordenite(1:1) complex			Ultrapure water		○	0.1	10	24			1		23.4	30.5
	LDH/synthesis mordenite(1:1) complex			Ultrapure water		○	0.1	10	24			10		19.3	23.9
	Hydrotalcite			Ultrapure water		○	0.1	10	24			1		4	4.5
	Hydrotalcite			Ultrapure water		○	0.1	10	24			10	<0	<0	
	LDH/synthesis mordenite(1:2) complex			Ultrapure water	7.03	○	0.1	10	24			0.5		16.4	19.6
	LDH/synthesis mordenite(1:2) complex			Ultrapure water	7.08	○	0.1	10	24			1		15.7	18.6
	LDH/synthesis mordenite(1:2) complex			Ultrapure water	6.43	○	0.1	10	24			10		18.9	23.3
	LDH/zeolite(1:2) complex			Ultrapure water	7.03	○	0.1	10	24			0.5		1	1
	LDH/zeolite(1:2) complex			Ultrapure water	7.08	○	0.1	10	24			1	<0	<0	
	LDH/zeolite(1:2) complex			Ultrapure water	6.43	○	0.1	10	24			10		2.5	2.6
	Hydrotalcite			Ultrapure water	7.08	○	0.1	10	24			1		5.7	6