

ID	Adsorbent	Production area	Particle size	Aqueous solution			Amount of adsorbent m[g]	Solution volume V[ml]	Mixing time(1) [h]	Ion concentration of the solution			Sr adsorption ratio [%]	Kd(Sr)
				Composition,etc.	pH	Filtration ○:Yes ×:No				Cs [ppm]	Sr(2) [ppm]	I(3) [ppm]		
004	Synthetic jarosite			Ion-exchanged water + RO	5.23	○	0.1	10	24		0.09		0.00	0.0E+00
005	Synthetic jarosite			Ion-exchanged water + RO	5.30	○	0.1	10	24		0.96		12.46	1.4E+01
006	Synthetic jarosite			Ion-exchanged water + RO	5.40	○	0.1	10	24		11.80		5.52	5.8E+00
013	Synthetic schwertmannite			Ion-exchanged water + RO	5.23	○	0.1	10	24		0.09		0.00	0.0E+00
014	Synthetic schwertmannite			Ion-exchanged water + RO	5.30	○	0.1	10	24		0.96		0.00	0.0E+00
015	Synthetic schwertmannite			Ion-exchanged water + RO	5.40	○	0.1	10	24		11.80		0.00	0.0E+00
022	A mixture of hematite and magunetite			Ion-exchanged water + RO	5.23	○	0.1	10	24		0.09		0.00	0.0E+00
023	A mixture of hematite and magunetite			Ion-exchanged water + RO	5.30	○	0.1	10	24		0.96		0.00	0.0E+00
024	A mixture of hematite and magunetite			Ion-exchanged water + RO	5.40	○	0.1	10	24		11.80		2.81	2.9E+00
031	Artificial zeolite was deposited lepidocrocite			Ion-exchanged water + RO	5.23	○	0.1	10	24		0.09		0.00	0.0E+00
032	Artificial zeolite was deposited lepidocrocite			Ion-exchanged water + RO	5.30	○	0.1	10	24		0.96		0.00	0.0E+00
033	Artificial zeolite was deposited lepidocrocite			Ion-exchanged water + RO	5.40	○	0.1	10	24		11.80		46.50	8.7E+01
040	Hydrotalcite (Sigma-Aldrich)			Ion-exchanged water + RO	5.23	○	0.1	10	24		0.09		0.00	0.0E+00
041	Hydrotalcite (Sigma-Aldrich)			Ion-exchanged water + RO	5.30	○	0.1	10	24		0.96		26.42	3.6E+01
042	Hydrotalcite (Sigma-Aldrich)			Ion-exchanged water + RO	5.40	○	0.1	10	24		11.80		58.78	1.4E+02