

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 O:Yes X:No				Cs [ppm]	Sr(2) [ppm]	I(3) [ppm]		
001	Vremiculite	South Africa		Ion-exchanged water	6.0	x	0.3003	30	24	0	0.1	0	65.0	1.9E+02
002	Vremiculite	South Africa		Ion-exchanged water	5.8	x	0.3000	30	24	0	1	0	84.9	5.6E+02
003	Vremiculite	South Africa		Ion-exchanged water	5.9	x	0.3003	30	24	0	10	0	78.9	3.7E+02
004	Vremiculite	South Africa		Ion-exchanged water	6.0	x	0.3003	30	24	0	0.1	0	68.2	2.1E+02
005	Vremiculite	South Africa		Ion-exchanged water	5.8	x	0.3000	30	24	0	1	0	88.3	7.6E+02
006	Vremiculite	South Africa		Ion-exchanged water	5.9	x	0.3001	30	24	0	10	0	86.9	6.6E+02
007	Synthetic expandable mica			Ion-exchanged water	6.0	x	0.3003	30	24	0	0.01	0	98.8	8.6E+03
008	Synthetic expandable mica			Ion-exchanged water	6.0	x	0.3002	30	24	0	0.1	0	99.6	2.7E+04
009	Synthetic expandable mica			Ion-exchanged water	5.8	x	0.3000	30	24	0	1	0	99.6	2.5E+04
010	Synthetic expandable mica			Ion-exchanged water	5.9	x	0.3002	30	24	0	10	0	99.5	2.1E+04
011	Synthetic expandable mica			Ion-exchanged water	6.0	x	0.3002	30	24	0	0.01	0	98.3	5.8E+03
012	Synthetic expandable mica			Ion-exchanged water	6.0	x	0.3000	30	24	0	0.1	0	99.7	3.8E+04
013	Synthetic expandable mica			Ion-exchanged water	5.8	x	0.3003	30	24	0	1	0	99.9	6.7E+04
014	Synthetic expandable mica			Ion-exchanged water	5.9	x	0.3001	30	24	0	10	0	99.9	1.1E+05
015	Rectorite			Ion-exchanged water	6.0	x	0.3003	30	24	0	0.1	0	22.1	2.8E+01
016	Rectorite			Ion-exchanged water	5.8	x	0.3002	30	24	0	1	0	33.1	4.9E+01
017	Rectorite			Ion-exchanged water	5.9	x	0.3000	30	24	0	10	0	26.5	3.6E+01
018	Montmorillonite			Ion-exchanged water	5.8	x	0.3000	30	24	0	0.01	0	58.1	1.4E+02
019	Montmorillonite			Ion-exchanged water	5.9	x	0.3001	30	24	0	0.1	0	96.3	2.6E+03
020	Montmorillonite			Ion-exchanged water	5.9	x	0.3000	30	24	0	1	0	99.2	1.2E+04
021	Montmorillonite			Ion-exchanged water	5.8	x	0.3000	30	24	0	10	0	96.9	3.1E+03
022	Beidellite			Ion-exchanged water	5.8	x	0.3003	30	24	0	0.01	0	94.2	1.6E+03
023	Beidellite			Ion-exchanged water	5.9	x	0.3002	30	24	0	0.1	0	99.7	3.2E+04
024	Beidellite			Ion-exchanged water	5.9	x	0.3001	30	24	0	1	0	97.9	4.7E+03
025	Beidellite			Ion-exchanged water	5.8	x	0.3001	30	24	0	10	0	96.5	2.7E+03
026	Illite			Ion-exchanged water	5.7	x	0.3003	30	24	0	0.1	0	83.0	4.9E+02
027	Illite			Ion-exchanged water	5.7	x	0.3001	30	24	0	1	0	89.9	8.9E+02
028	Illite			Ion-exchanged water	5.6	x	0.3003	30	24	0	10	0	81.8	4.5E+02