

Article

Characterization of Modified Natural Minerals and Rocks for Possible Adsorption and Catalytic Use

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Table S1. Chemical composition of samples.

		SiO ₂	Al ₂ O ₃	K ₂ O	Fe ₂ O ₃	CaO	Na ₂ O	MgO/MnO*	TiO ₂	SUM	Si/Al	MSi
S		75.30	12.60	4.26	1.91	4.28	0.30	0.78	0.23	99.66	5.07	7.95
CLI	D1	78.80	11.50	3.67	1.86	2.69	0.27	0.68	0.25	99.72	5.81	10.96
	D2	90.00	5.63	1.41	1.20	0.87	0.25	0.31	0.26	99.93	13.56	30.14
S		57.90	38.90	0.86	0.70	0.28	0.05	0.41	0.59	99.68	1.26	32.80
MK	D1	60.30	36.80	0.84	0.82	0.12	0.03	0.35	0.64	99.89	1.39	39.94
	D2	84.40	13.30	0.40	0.60	0.10	-	0.21	0.90	99.90	5.38	94.67
S		56.10	22.00	6.81	2.44	0.86	10.50	0.25	0.37	99.33	2.16	3.35
PH	D1	58.10	22.20	5.94	1.82	0.51	10.40	0.18	0.27	99.42	2.22	3.78
	D2	74.50	12.60	7.93	1.14	0.18	3.19	0.04	0.16	99.75	5.02	8.43
S		76.30	3.01	1.44	1.11	17.30	-	0.38	0.23	99.77	21.51	3.73
MRL	D1	88.80	2.60	0.93	0.75	6.47	-	0.28	0.11	99.95	28.98	10.80
	D2	95.80	2.41	0.98	0.31	0.18	-	0.15	0.16	99.97	33.73	83.72

*MgO for CLI, MK and MRL, MnO for PH.