

Details showing 17 Nos of External check sample analysis for 34 elements by ICP-MS and its comparison with primary sample analyses of Sumarasar Area, District Kuchchh, Gujarat

Sl. No.	Check Samples No	Sc	Y	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Zr
1	ECHSMR-01	18.16	35.74	83.71	139.93	16.57	55.68	9.70	1.23	8.61	1.35	5.43	1.24	3.36	0.55	3.10	0.51	308.27
2	ECHSMR-02	13.90	56.47	33.48	61.25	7.81	30.47	7.04	1.67	8.91	1.47	7.07	1.64	4.03	0.54	2.99	0.44	129.15
3	ECHSMR-03	11.82	25.75	28.58	60.54	8.11	32.85	7.23	1.74	7.18	1.09	4.45	0.91	2.24	0.31	1.72	0.28	192.71
4	ECHSMR-04	17.33	13.75	14.81	30.06	3.53	13.23	2.84	0.73	3.30	0.56	2.57	0.53	1.26	0.18	1.03	0.16	43.87
5	ECHSMR-05	34.65	236.11	55.37	110.57	14.08	60.18	14.41	4.33	8.07	1.45	8.56	1.69	6.96	1.70	4.43	0.98	102.72
6	ECHSMR-06	19.18	16.36	25.34	36.98	4.68	16.56	3.10	0.92	3.22	0.48	2.32	0.56	1.48	0.22	1.28	0.20	57.39
7	ECHSMR-07	13.86	25.21	33.33	57.92	6.83	24.43	4.51	0.87	4.46	0.74	3.47	0.84	2.31	0.36	2.13	0.33	99.31
8	ECHSMR-08	18.28	26.74	34.33	55.25	6.83	23.64	4.44	0.96	4.48	0.82	3.59	0.85	2.35	0.39	2.15	0.35	117.15
9	ECHSMR-09	12.64	21.62	42.45	68.18	8.42	28.38	5.14	0.70	4.66	0.69	3.07	0.71	1.99	0.30	1.89	0.30	261.63
10	ECHSMR-10	16.16	25.59	39.54	64.30	8.02	26.92	5.07	1.02	4.79	0.76	3.59	0.83	2.31	0.36	2.11	0.33	114.77
11	ECHSMR-11	17.75	28.58	30.71	51.06	6.46	23.46	4.53	1.04	4.78	0.81	3.90	0.93	2.52	0.38	2.31	0.36	104.79
12	ECHSMR-12	15.51	25.03	32.11	54.68	6.73	23.88	4.59	0.95	4.66	0.77	3.52	0.82	2.23	0.36	2.02	0.32	115.41
13	ECHSMR-13	1.57	5.43	8.77	14.23	1.86	6.47	1.26	0.34	1.09	0.47	0.88	0.19	0.64	0.22	0.51	0.14	40.88
14	ECHSMR-14	5.49	10.54	18.70	29.92	3.76	13.24	2.34	0.43	2.08	0.40	1.44	0.34	0.98	0.18	0.84	0.16	101.87
15	ECHSMR-15	6.50	15.47	21.60	34.54	4.32	14.66	2.75	0.46	2.60	0.53	2.04	0.50	1.37	0.29	1.21	0.21	75.55
16	ECHSMR-16	21.73	31.46	48.15	77.55	9.57	32.13	6.25	1.18	5.91	1.27	4.55	1.06	2.91	0.60	2.56	0.45	113.24
17	ECHSMR-17	8.49	11.94	25.47	39.27	4.97	16.29	2.85	0.51	2.56	0.49	1.82	0.42	1.13	0.21	1.04	0.18	190.83

Sl. No.	Check Samples No	Nb	Hf	Li	U	Th	Ga	Rb	Sr	Cu	Pb	Zn	V	Cr	Ni	Co	Mo	Se
1	ECHSMR-01	45.13	6.11	159.58	4.58	38.93	25.01	43.93	199.75	24.51	37.66	31.49	112.04	203.17	38.12	3.41	1.53	8.51
2	ECHSMR-02	27.70	2.57	188.65	2.17	10.39	18.20	77.16	160.17	21.18	15.08	48.92	108.07	183.26	62.71	21.66	1.08	10.12
3	ECHSMR-03	20.88	3.63	150.62	1.91	8.45	9.42	55.46	130.36	10.83	22.10	107.70	102.09	169.98	58.49	20.35	0.98	8.13
4	ECHSMR-04	8.55	0.90	182.81	1.54	3.28	5.52	16.47	168.28	15.48	25.68	80.57	158.66	117.30	52.49	9.32	1.07	7.06
5	ECHSMR-05	8.14	1.72	70.73	1.56	3.53	6.39	20.98	214.66	10.36	17.02	41.42	97.72	82.88	36.73	5.81	0.51	11.82
6	ECHSMR-06	21.25	1.31	41.40	0.47	3.07	5.04	16.91	140.46	31.43	10.56	28.42	73.41	173.45	89.39	19.03	0.38	2.94
7	ECHSMR-07	47.25	3.15	447.62	2.87	24.56	20.34	90.67	125.86	32.44	34.69	73.24	143.17	203.45	75.30	24.54	1.13	5.40
8	ECHSMR-08	32.28	3.78	126.61	2.60	15.45	15.90	59.94	199.66	24.24	48.11	79.34	122.41	158.08	57.43	18.74	1.12	6.06
9	ECHSMR-09	45.60	8.15	140.66	3.83	29.40	14.24	49.34	98.01	19.01	31.30	63.75	100.14	192.88	63.23	23.30	1.13	5.29
10	ECHSMR-10	28.89	4.92	111.35	2.04	11.85	13.47	43.90	157.96	18.14	167.59	61.28	101.57	150.32	55.11	18.75	0.98	4.68
11	ECHSMR-11	23.39	2.92	67.82	1.77	9.36	12.79	61.08	129.02	18.28	22.06	65.01	105.90	168.93	61.99	17.76	0.95	4.17
12	ECHSMR-12	24.84	3.16	172.89	1.78	10.98	13.60	62.75	328.43	18.64	98.40	65.71	116.97	157.97	50.72	15.75	0.97	5.66
13	ECHSMR-13	10.45	1.14	73.69	0.56	4.47	2.85	35.26	177.18	4.12	20.59	13.80	17.13	123.14	10.38	2.29	0.67	3.43
14	ECHSMR-14	14.07	2.46	322.07	0.91	8.14	4.24	39.89	184.13	6.52	266.21	25.58	26.00	90.19	21.02	35.71	0.69	4.08
15	ECHSMR-15	12.57	1.78	95.87	0.98	8.89	4.92	29.74	196.51	11.06	20.21	30.41	49.85	228.77	24.24	16.86	0.96	4.45
16	ECHSMR-16	22.57	8.05	446.55	1.77	13.69	12.22	64.65	137.36	24.20	21.32	60.38	106.85	158.74	54.75	17.29	0.78	4.97
17	ECHSMR-17	15.72	6.26	183.51	4.11	31.25	28.04	96.58	0.26%	9.61	16.23	15.96	51.11	122.93	49.20	2.18	0.92	2.88