



Figure S1. STIFF diagrams of all the water springs samples classified by clusters.

Table S1. Coordinates of the spring water samples and results of analyses of the physico-chemical parameters used in this article.

Index	MET Number	Cluster	long WGS 84	lat WGS 84	In-Situ T (°C)	pH	EC (µS/cm @ 25°C)	TDS (mg/l)	Turbidity (NTU)	TOC (mg/l)	HCO ₃ (mg/l) computed	Bromide (mg/l)	Chloride (mg/l)	Fluoride (mg/l)	Nitrate (NO ₃) (mg/l)	Nitrite (mg/l)	Ortho-Phosphate (mg/l)	Sulfate (mg/l)
1	MET-HV002-001W	7	5.227425	50.309653	11.9	6.72	309	214	0.70	1.50	96.5	0.03	17.3	0.06	53.5	0	0	15.0
2	MET-HV003-001W	7	5.241432	50.311885	10.1	7.12	344	245	1.30	1.20	83.0	0.04	24.7	0.05	67.7	0	0	19.0
3	MET-HV004-001W	7	5.243775	50.316070	10.8	6.64	228	156	3.90	1.50	77.3	0.03	27.5	0.04	20.3	0.004	0	13.0
4	MET-HV005-001W	7	5.237728	50.340060	8.85	6.78	354	232	0.50	1.20	121	0.02	19.5	0.07	42.0	0	0.10	28.2
5	MET-HV006-001W	7	5.241308	50.342080	11.2	6.67	344	218	1.10	2.20	100	0.02	23.6	0.05	41.6	0	0.30	21.3
6	MET-HV013-001W	7	5.200314	50.285150	9.59	6.44	200	166	6.90	2.10	64.7	0.04	8.10	0.04	24.0	0	0	12.1
7	MET-HV014-001W	7	5.199470	50.282996	10.0	6.50	327	212	1.20	1.20	65.9	0.04	36.2	0.03	47.1	0	0	14.6
8	MET-HV020-001W	6	5.190649	50.285188	10.2	6.40	742	404	0.80	1.30	102	0.05	151	0.06	25.2	0	0	23.4
9	MET-HV021-001W	7	5.207332	50.300602	10.4	6.80	459	276	1.10	1.60	126	0.04	71.1	0.04	24.2	0	0	16.0
10	MET-HV026-001W	6	5.174418	50.334705	10.1	7.21	593	345	0.30	0.30	315	0.05	16.2	0.06	26.9	0	0	25.5
11	MET-HV027-001W	6	5.176284	50.333353	10.6	7.13	500	334	0.50	2.10	229	0.04	24.7	0.08	45.2	0.004	0.10	27.3
12	MET-HV030-001W	7	5.176684	50.272552	9.80	6.46	281	150	3.30	1.40	69.5	0.02	29.3	0.04	15.9	0	0	20.0
13	MET-HV035-001W	6	5.251046	50.338245	10.4	7.22	448	334	14.2	3.70	193	0.02	16.6	0.07	69.5	0	0	12.1
14	MET-HV043-001W	7	5.287928	50.270916	8.95	5.70	108	116	0.70	1.30	9.76	0.03	7.00	0.02	39.6	0.003	0	5.10
15	MET-HV048-002W	7	5.271514	50.302141	11.4	6.83	285	224	10.2	3.50	132	0.02	7.10	0.05	40.7	0.003	0	8.00
16	MET-HV050-001W	7	5.272802	50.313815	9.60	5.97	127	104	2.40	0.70	25.6	0.02	13.1	0.03	17.4	0.001	0	11.3
17	MET-HV051-001W	6	5.290509	50.320313	10.2	7.51	433	290	0.70	0.70	280.6	0.04	6.90	0.04	11.7	0	0	21.2
18	MET-HV052-001W	6	5.326449	50.323647	10.2	6.21	163	138	1.70	1.20	23.2	0.02	6.20	0.04	4.5	0	0	11.4
19	MET-HV067-001W	6	5.307116	50.306477	13.0	7.20	595	392	0.50	0.50	397.7	0.04	14.2	0.07	10.3	0	0	35.2
20	MET-HV071-001W	7	5.306911	50.283901	8.39	6.90	97.0	100	3.00	3.70	45.1	0.04	3.10	0.07	6.70	0.034	0	6.00
21	MET-HV074-001W	4	5.297143	50.264477	8.75	6.60	454	175	26.3	11.9	43.9	0	14.5	0.09	6.40	0.003	0.10	3.30
22	MET-HV076-001W	6	5.480911	50.283423	10.7	7.30	152	435	0.60	0.60	395	0.03	29.6	0.11	17.4	0	0	25.3
23	MET-HV078-001W	7	5.386167	50.203374	10.1	6.80	96.0	94.0	1.20	0.70	17.1	0.03	8.20	0.04	25.9	0	0	1.80
24	MET-HV082-001W	6	5.333546	50.434535	8.41	7.39	558	334	7.00	0.30	290	0.04	23.1	0.06	21.0	0	0	26.2
25	MET-HV084-001W	5	5.625128	50.367119	9.27	6.19	556	354	67.4	2.60	410	0.04	8.30	0.12	7.80	0.015	0	7.80
26	MET-HV085-001W	7	5.359189	50.320811	9.47	7.99	218	136	5.80	0.10	11.0	0.02	7.70	0.07	6.10	0	0	14.0
27	MET-HV086-001W	7	5.302044	50.287462	9.94	6.47	104	114	4.70	9.40	32.9	0.01	3.20	0.11	3.20	0	0	6.50
28	MET-HV088-001W	6	5.244707	50.299528	9.46	6.98	479	340	4.80	6.70	284	0.06	14.5	0.12	18.2	0.010	0.10	22.3
29	MET-HV092-001W	7	5.245147	50.289862	8.24	7.46	323	222	15.7	3.40	156	0.03	20.1	0.07	9.00	0	0	14.6
30	MET-HV093-001W	7	5.361468	50.361859	9.81	3.96	155	106	0.70	0.30	18.0	0.02	8.10	0.06	38.3	0.002	0	17.6
31	MET-HV095-001W	6	5.201513	50.284461	9.52	7.43	428	246	1.00	0.50	210	0.04	10.2	0.06	20.3	0	0	29.1
32	MET-HV096-001W	7	5.187459	50.287520	10.3	7.04	356	250	1.00	0.70	105	0.03	34.7	0.04	35.7	0	0	16.2
33	MET-HV097-001W	1	5.254159	50.371357	10.0	6.60	627	372	1.30	1.00	423	0.15	17.6	0.06	24.6	0	0	4.10
34	MET-HV072-001W	7	5.446445	50.302562	9.31	6.09	264	150	0.80	1.10	76.9	0.02	42.4	0.06	12.5	0	0	6.0
35	MET-HV073-001W	7	5.262013	50.326252	10.7	6.57	345	245	169	7.7	117	0.03	39.6	0.11	11.7	0.003	0	12.4
36	MET-HV075-001W	7	5.609531	50.395601	10.1	6.44	167	114	7.40	1.60	37.8	0.02	13.8	0.06	3.4	0	0	15.3
37	MET-HV077-001W	7	5.323562	50.089198	9.68	6.28	50.0	46.0	7.10	0.30	11.0	0.02	3.60	0.02	6.40	0	0	9.10
38	MET-HV081-001W	7	5.324187	50.174287	10.9	6.89	283	209	1.70	1.20	31.7	0.03	6.20	0.07	75.5	0	0	17.3
39	MET-HV095-001W	6	5.294684	50.288733	14.0	7.56	561	372	0.30	1.30	298	0.06	39.9	0.07	2.10	0	0	4.10
40	MET-HV096-001W	6	5.306685	50.310462	10.6	7.51	537	354	0.30	2.20	261	0.05	29.9	0.04	34.6	0.023	0	37.1
41	MET-HV097-001W	7	5.307422	50.308073	11.0	7.64	489	312	0.90	1.20	273	0.07	21.1	0.07	0.50	0.011	0.10	48.8
42	MET-HV098-001W	4	5.310890	50.309037	12.3	7.49	673	458	0.20	0.40	285	0.04	13.3	0.33	3.60	0	0	18.4
43	MET-HV091-001W	7	5.680935	50.400054	5.96	5.70	98.0	106	6.20	1.50	18.3	0.03	18.9	0.01	4.90	0	0	6.20
44	MET-HV091-001W	7	5.681578	50.400037	3.66	6.00	426	286	8.30	1.20	325	0.04	7.50	0.03	0.00	0.006	0	5.90
45	MET-HV091-001W	2	5.684020	50.419429	8.27	5.70	748	490	33.00	1.20	459	0.36	64.8	0.09	0	0	0	8.80
46	MET-HV091-001W	2	5.681599	50.371924	9.80	5.50	371	350	1.10	1.00	416	0.13	23.4	0.11	0.10	0	0.10	1.80
47	MET-HV092-001W	7	5.301643	50.173719	8.37	6.52	217	152	3.40	2.80	132	0.01	2.10	0.06	3.20	0.002	0	2.90
48	MET-HV092-001W	7	5.615759	50.059477	8.70	5.77	62.7	76.0	2.00	0.50	11.0	0.02	6.60	0.02	11.3	0	0	2.90
49	MET-HV092-001W	3	5.482131	50.174138	10.5	6.70	179	105	3.40	0.60	81.9	0.03	9.10	0.16	0.50	0.007	0	14.2
50	MET-HV097-001W	6	5.640793	50.337770	35.9	7.32	639	362	0.60	0.30	327	0.03	33.1	0.32	0.10	0	0	42.3

1	Al (mg/l)	B (mg/l)	Br (mg/l)	Ca (mg/l)	Co (mg/l)	Cu (mg/l)	K (mg/l)	Mg (mg/l)	Mn (mg/l)	Mo (mg/l)	Na (mg/l)	Nb (mg/l)	P (mg/l)	Pb (mg/l)	Se (mg/l)	Si (mg/l)	S (mg/l)	Te (mg/l)	V (mg/l)	Zn (mg/l)			
1	0.005	0.013	0.029	0	30.2	0.0005	0.0005	0.004	2.70	0	11.0	0.0001	0	8.30	0.0150	0	0.0005	0.0001	0.0001	2.40	0.006	0.0002	0.002
2	0.005	0.016	0.040	0.00001	35.6	0.0002	0.0006	0.004	1.80	0	15.2	0.0001	0	10.2	0.0011	0	0.0005	0	0.0001	2.60	0.000	0.0002	0.002
3	0.003	0.009	0.020	0.00001	16.7	0	0.0003	0.060	0.80	0	6.47	0.0006	0	0.0009	0.0001	0	0.0005	0	0.0001	0.50	0.001	0.001	0.002
4	0.001	0.024	0.039	0	39.9	0.0001	0.0009	0.002	6.30	0	8.43	0.0009	0.0001	0.0007	0.0010	0	0.0003	0.0001	0.0004	2.60	0.002	0.0008	0.002
5	0.001	0.032	0.040	0	51.6	0.0001	0.0009	0.002	8.00	0.001	7.21	0.0001	0.0002	0.0006	0.0001	0	0.0006	0.0001	0.0005	2.40	0.073	0.0002	0.001
6	0.010	0.012	0.008	0	24.1	0	0.0003	0.011	0.60	0.001	5.56	0.0002	0	1.04	0.0008	0	0.0003	0	0.0001	3.50	0.005	0.0001	0.001
7	0.014	0.009	0.050	0.00001	27.9	0.0001	0.0003	0.013	1.30	0	10.0	0.0009	0	0.0018	0.0013	0	0.0008	0	0.0001	3.10	0.067	0.0001	0.002
8	0.005	0.010	0.041	0	39.5	0	0.0003	0.004	1.00	0	10.1	0.0019	0	0.0004	0	0	0.0004	0	0.0001	2.30	0.116	0.0001	0.001
9	0.003	0.013	0.043	0	37.6	0.0001	0.0004	0.005	0.80	0	11.0	0.0001	0	0.0008	0	0.0005	0	0.0002	2.00	0.068	0.0001	0.002	
10	0.0003	0.006	0.024	0	96.3	0	0.0001	0	1.30	0.002	0.05	0	0.0001	0	0.0006	0	0.0005	0	0.0005	1.90	0.121	0.0001	0.002
11	0.001	0.013	0.018	0	71.2	0.0001	0.0007	0.002	4.80	0.002	6.71	0.0002	0.0004	0	0.0012	0.0001	0.0002	0	0.0001	3.50	0.117	0.0002	0.001
12	0.002	0.011	0.025	0	25.0	0.0001	0.0003	0.002	0.70	0	6.51	0.0017	0	0.0003	0	0	0.0004	0	0	2.10	0.075	0	0.001
13	0.009	0.009	0.028	0	77.4	0.0001	0.0012	0.006	1.10	0.002	7.56	0	0.0001	9.40	0.0002	0	0.0005	0.0001	0.0001	2.90	0.171	0.0002	0.001
14	0.029	0.009	0.015	0.00005	8.57	0	0.0002	0.002	0.20	0	4.16	0.0036	0	0.0015	0.0001	0.0002	0	0	0	3.50	0.025	0	0.004
15	0.010	0.011	0.075	0.00002	51.7	0.0001	0.0003	0.029	0.13	1.30	0	0.67	0.0079	0.0001	0.0005	0.0006	0.0004	0.0001	0.0002	2.60	0.086	0.0002	0.001
16	0.030	0.007	0.005	0.00002	13.7	0.0009	0.019	0.70	0.001	3.66	0.008	0	4.90	0.0556	0.0001	0.0003	0	0.0002	4.40	0.004	0.0001	0.002	
17	0.001	0.011	0.018	0.00001	21.8	0.0007	0.017	0.30	0.001	0.87	0.0001	0	1.30	0.0003	0.0001	0	0.0001	0	0.0001	2.10	0.154	0	0.001
18	0.002	0.007	0.009	0.00001	18.9	0.0003	0.003	0.80	0	5.70	0.0060	0	4.30	0.0018	0	0.0003	0	0.0001	3.50	0.066	0.0001	0.002	
19	0.002	0.009	0.045	0	10.9	0	0.0007	0.001	1.10	0.003	16.0	0.0002	0.0002	0.0002	0.0003	0.0001	0.0008	0	0.0001	3.90	0.233	0	0.014
20	0.063	0.009	0.015	0.00001	14.5	0.0001	0.016	0.036	0.40	0	2.54	0.0001	0	1.90	0.0005	0.0001	0.0002	0.0001	2.60	0.025	0.0001	0.001	
21	0.013	0.012	0.007	0.00001	18.6	0.0002	0.013	0.140	0.30	0.001	0.9060	0.0001	0.0001	0.0001	0.0007	0.0002	0	0.0001	0.50	0.008	0.0001	0.001	
22	0.003	0.017	0.015	0	13.9	0	0.0001	0.010	0.50	0.005	9.44	0	0.0001	0.004	0.0002	0.0001	0.0017	0	0.0002	4.30	0.424	0	0.001
23	0.008	0.008	0.002	0.00002	6.26	0	0.0002	0.011	0.70	0	4.88	0.0005	0	4.80	0.0022	0	0.0005	0	0.0001	3.30	0.023	0	0.002
24	0.001	0.009	0.021	0	98.7	0	0.0003	0.001	1.10	0.003	8.96	0.0001	0.0002	0.0003	0.0002	0	0.0006	0	0.0002	5.60	0.148	0.0001	0.002
25	0.004	0.046	0.081	0.00002	49.3	0.0139	0.0006	0.016	0.60	0.006	28.9	0.0222	0	4.16	0.0094	0	0.0046	0.0001	0.0003	0.80	0.154	0	0.023
26	0.009	0.008	0.004	0	0.72	0	0.0001	0.002	0.40	0	0.0001	0.002	0	0.0001	0.0001	0	0.0001	0	0.0001	0.50	0.001	0	0.001
27	0.126	0.009	0.023	0.00003	11.8	0.0001	0.0029	0.057	2.60	0	2.70	0.0015	0	0.280	0.0011	0.0001	0.0007	0.0001	0.0002	2.40	0.027	0.0004	0.001
28	0.006	0.016	0.049	0.00001	79.6	0.0002	0.0022	0.035	0.30	0	9.38	0.0159	0.0002	0.0002	0.0006	0	0.0011	0.0001	0.0001	5.60	0.134	0.0007	0.004
29	0.016	0.011	0.019	0.0001	51.8	0.0002	0.0008	0.040	1.30	0	5.67	0.0009	0.0001	0.0007	0.0004	0.0001	0.0003	0	0.0001	3.30	0.086	0.0002	0.003
30	0.005	0.011	0.030	0.00009	11.2	0.0001	0.0004	0.011	2.50	0	4.83	0.0089	0	7.30	0.0243	0.0001	0.0013	0	0	2.20	0.098	0	0.071
31	0.002	0.014	0.011	0	6.15	0.0005	0.0002	0.012	0.30	0.001	0.28	0.0001	0	0.0001	0.0001	0	0.0001	0	0.0001	0.40	0.141	0.0001	0.001
32	0.001	0.008	0.013	0	47.5	0	0.0002	0.002	1.10	0.004	7.36	0.001	0	11.8	0.0008	0	0.0008	0	0.0001	6.40	0.140	0.0001	0.002
33	0.026	0.064	0.677	0.00117	16.3	0.0047	0.0008	45.05	4.20	0.078	20.6	4.3113	0	24.4	0.0335	0	0.0017	0	0	5.50	0.177	0	0.027
34	0.008	0.004	0.018	0.00003	58.6	0	0.0003	0.044	0.40	0.003	10.5	0.0007	0	0.0017	0.0005	0	0.0005	0	0.0001	2.80	0.061	0.0002	0.002
35	0.005	0.005	0.005	0	50.3	0.0001	0.0001	0.001	0.50	0	0.0007	0.0001	0	0.0001	0.0001	0	0.0001	0	0.0001	0.50	0.001	0	0.001
36	0.002	0.016	0.023	0.00003	13.2	0	0.0003	0.002	4.30	0	4.56	0.0004	0	0.30	0.0074	0	0.0004	0	0.0001	2.20	0.050	0	0.009
37	0.004	0.006	0.001	0.00001	35.0	0	0.0003	0.004	0.60	0.002	2.18	0.0004	0	2.50	0.0048	0	0.0009	0	0	2.60	0.020	0	0.004
38	0.002	0.036	0.016	0.00001	22.5	0.0001	0.0011	0.002	21.6	0	4.49	0.0005	0	12.3	0.0010	0	0.0086	0.0001	0.0001	3.20	0.084	0.0001	0.010
39	0.001	0.015	0.141	0.00002	88.1	0	0.0029	0.001	2.00	0.132	16.0	0.0159	0.0006	0.0012	0.0004	0.0003	0.0184	0.0005	0.0001	6.80	0.040	0.0003	0.013
40	0.014	0.014	0.014	0.00001	79.3	0.0005	0	2.40	0.159	0.012	0.159	0.0118	0.0001	0.0012	0.0002	0.0002	0.0002	0	0.0001	0.50	0.001	0.0001	0.001
41	0.001	0.053	0.041	0.00001	61.4	0.0003	0.0006	0.029	61.0	0.124	15.1	0.5416	0.001	27.6	0.0008	0.0001	0.0216	0.0007	0.0002	5.80	1.107	0.0002	0.003
42	0.001	0.035	0.034	0.00001	100	0.0001	0.0016	0.001	1.70	0.008	21.9	0.0466	0.0006	20.9	0.0003	0.0001	0.0021	0.0002	0.0001	7.00	1.280	0	0.019
43	0.008	0.009	0.015	0.00003	9.20	0.0002	0.0004	0.055	1.70	0.001	1.90	0.0212	0	0.70	0.0300	0	0.0016	0	0	2.10	0.020	0	0.005
44	0.001	0.011	0.011	0.00001	38.1	0.0001	0.0001	0.019	0.40	0.001	2.04	0.0015	0	7.30	0.0075	0	0.0009	0	0.0001	0.50	0.001	0	0.001
45	0.007	0.141	0.064	0.00008	53.0	0.0001	0.0031	7.822	5.00	0.230	26.9	0.6968	0	0.07	0.0100	0	0.0039	0	0	1.90	0.060	0	0.005
46	0.015	0.038	0.037	0.0001	31.7	0.0114	0.0001	14.84	2.70	0.129	31.9	0.7051	0.0001	37.9	0.0024	0	0.0046	0	0	1.19	0.059	0.0001	0.024
47	0.003	0.007	0.009	0.00001	41.9	0.0001	0.0017	0.005	1.40	0	1.80	0.0009	0.0001	1.70	0.0006	0	0.0006	0.0002	0.0001	1.90	0.050	0.0004	0.007
48	0.004	0.003	0.002	0.00001	4.0	0	0.0001	0.002	0.05	0.003	2.43	0.0037	0	3.20	0.0034	0	0.0004	0	0	0.90	0.015	0	0.006
49	0.001	0.001	0.001	0.00001	0.10	0.0017	0	0.0001	0.001	0.001	1.4168	0.0001	0	4.80	0.000401	0	0.0001	0	0.0001	0.50	0.001	0	0.001
50	0.004	0.062	0.189	0.00003	45.0	0	0.0001	0.011	2.60	0.005	18.1	0.0003	0.0009	41.4	0.0001	0	0.0076	0	0	2.90	0.455	0	0.001

Table S2. Detailed list of the SWDE laboratory parameters and LOQ.

Measured parameters	SWDE laboratory method	Validated limit of quantification (LOQ)	Maximum expanded global uncertainty (k = 2)	Expanded global uncertainty (k = 2) observed	Retention period (Max)
Ammonium (NH ₄)	Spectrophotometry: - Alkalimetric: methyl orange (colouring reagent) - Ammonium: reacts with alkaline phenol solution and sodium hypochlorite. Sodium nitroprusside (colouring reagent) (Internal laboratory method)	25 µg/l	10%	4.4%	48 h
Complete alkalimetric titer (TAC)		1 °f or 10 mg/l CaCO ₃	10%	4.8%	48 h
Fluorides (F)	Ion chromatography: Fluorides, chlorides, nitrates, nitrites, bromides, sulphates, and phosphates are separated on a first chromatographic column using hydroxide ions as eluent. The anions are then eluted sequentially and detected using a conductivity meter (with ionic suppressor)	0.05 mg/l	15%	10,0%	48 h
Chlorides (Cl)		1 mg/l	15%	6.8%	48 h
Nitrites (NO ₂)		50 µg/l	20%	6,0%	48 h
Bromides (Br)		50 µg/l	15%	7.8%	48 h
Nitrates (NO ₃)		1 mg/l	10%	4.6%	48 h
Phosphates (PO ₄)	(ISO 10304-1, ISO 10304-4)	0.1 mg/l	20%	12,0%	48 h
Sulphates (SO ₄)		1 mg/l	15%	6.2%	48 h
Boron (B)	ICP-MS: Inductively Coupled Plasma Mass Spectrometry (ISO 17294-2, except Silicon: internal laboratory method and Silver: non-accredited method)	10 µg/l	20%	9.2%	28 days
Aluminium (Al)		5 µg/l	20%	6.6%	28 days
Calcium (Ca)		0.1 mg/l	20%	11.2%	28 days
Iron (Fe)		5 µg/l	20%	12.4%	28 days
Cobalt (Co)		0.5 µg/l	20%	12,0%	28 days
Manganese (Mn)		0.5 µg/l	20%	14,0%	28 days
Nickel (Ni)		1 µg/l	20%	12.5%	28 days
Copper (Cu)		0.5 µg/l	220%	9.7%	28 days
Zinc (Zn)		1 µg/l	20%	10,0%	28 days
Arsenic (As)		0.5 µg/l	20%	13,0%	28 days
Silicium (Si)		0.02 mg/l	20%	10.8%	28 days
Strontium (Sr)		5 µg/l	20%	6.6%	28 days
Silver (Ag)		0.5 µg/l	30%	28.3%	28 days
Tin (Sn)		0.2 µg/l	20%	9.2%	28 days
Cadmium (Cd)		0.1 µg/l	20%	8.7%	28 days
Barium (Ba)		0.5 µg/l	20%	10,0%	28 days
Lead (Pb)		0.5 µg/l	20%	5.4%	28 days
Magnesium (Mg)		0.1 mg/l	20%	17.5%	28 days
Sodium (Na)		0.1 mg/l	20%	7.8%	28 days
Uranium (U)		0.05 µg/l	30%	6,0%	28 days
Mercury (Hg)		0.1 µg/l	30%	20,0%	28 days
Potassium (K)		0.1 mg/l	20%	9.5%	28 days
TOC	Acidified with hydrochloric acid. Heated reaction chamber filled with a platinum catalyst. The released CO ₂ is quantified by infrared (ISO 8245)	0.3 mg C/l	20%	6.33%	7 days
Dry residue	A quantity of water evaporated at 180 °C in a tared capsule. The dry residue is weighed (non-accredited method)	-	-	-	7 days
True colour	Comparison of the specific absorbance of the sample to the specific absorbance of a standard platino-cobalt solution (ISO 7887 (C Method))	2 Hazen unit	20%	12.5%	5 days
pH	Multi-parameter and pH probe (internal laboratory method)	-	0.2 pH unit	0.4 pH unit	48 h
Temperature	Measure with a multi-parameter and a temperature probe coupled to one of the other multi-parameter probes (Standard methods 2550)	4°C	The exact measurement uncertainty depends on the calibration certificate of the probe used		48 h
Conductivity (µS)	Based on the Wheatstone bridge principle, using a galvanometer or a cathode image as a zero device (Internal laboratory method)	2.5 µS	-	4.37%	48 h
Turbidity (NTU)	Nephelometric method (internal laboratory method)	0.3 NTU	-	8.72%	48 h