

EMEP – 35th intercomparison of analytical methods - % deviation from expected value

Lab no	SO ₄ ²⁻				NH ₄ ⁺				NO ₃ ⁻				Na ⁺				Mg ²⁺				Cl ⁻				Ca ²⁺				K ⁺				pH				Cond			
	G1	G2	G3	G4	G1	G2	G3	G4	G1	G2	G3	G4	G1	G2	G3	G4	G1	G2	G3	G4	G1	G2	G3	G4	G1	G2	G3	G4	G1	G2	G3	G4	G1	G2	G3	G4				
3	2	2	3	3	-13	16	12	11	0	0	0	1	0	0	0	0	0	-2	-2	-2	0	-21	-6	-1	-2	-0.01	0.02	-0.01	0.02	1	2	0	6							
4	-3	-4	-1	-2	2	1	0	-1	-6	-6	-3	-3	-2	-3	-1	-2	-11	-11	-9	-9	-9	-15	-15	-13	-12	-0.02	-0.02	-0.02	0	0	0	-1	4							
5	1	0	0	0	3	2	4	-1	0	0	3	1	2	2	3	1	1	-1	2	1	1	6	5	9	6	-0.01	0.01	-0.01	0.02	0	2	2	-5	4						
7	1	1	0	-1	-5	-5	12	10	0	0	1	1	1	2	2	2	-6	-12	-5	-5	-1	-1	1	0	-0.05	0.01	0.02	0.05	0	2	2	-5	4							
8	-1	-2	0	0	-5	-9	-1	-2	-5	2	-2	-2	-3	0	-1	-3	-8	-1	-1	0	-1	-7	-3	-6	-6	-5	-0.04	-0.03	-0.03	0	0	1	-1	4						
10	7	4	5	5	2	3	2	1	3	2	4	4	-2	-2	-3	1	4	8	7	6	18	12	-5	-6	15	19	-14	-8	5	8	7	4	0.03	0.03	0.01	0.03				
12	1	0	0	0	4	-6	12	12	1	-1	1	1	-5	-4	-1	-3	-6	-15	-2	-3	1	-1	2	2	-17	-22	-14	-14	2	1	1	-0.04	-0.03	-0.03	0					
15	3	5	3	2	0	3	1	0	0	1	3	2	2	1	3	2	2	1	4	3	4	5	2	2	2	2	1	0	1	2	2	1	5	6						
16	-1	-2	0	-1	2	4	2	4	0	2	0	-1	2	-4	-1	-1	0	-1	2	-2	-4	3	5	5	7	-4	-2	-4	-5	0.02	0.03	0.03	0.04							
19	-3	-3	-10	-10	8	11	7	6	-1	2	2	-3	-4	-4	-3	-3	-3	-2	2	2	-2	-2	1	1	-1	-1	0	0	0	0	-1	0	-2	2						
20	-3	-3	-3	-3	3	1	4	2	1	-1	-1	0	0	-14	-15	-12	-14	-5	-4	-4	-5	8	7	8	11	3	10	5	2	-10	-0.06	-0.03	-0.02	0.01						
21	1	0	0	-1	3	3	2	3	0	1	0	-1	0	0	1	2	2	-2	0	-1	3	-2	-1	-5	-6	-4	-4	-0.03	-0.02	-0.03	0	1	2	1	6					
22	8	16	16	13	10	14	10	11	22	27	38	37	22	27	38	37	-11	-14	-9	-9	-4	-5	-14	-16	-21	-21	-12	-13	-0.27	-0.41	-0.32	-0.33	-35	-32	-33	-30				
23	-1	-2	-1	-2	-3	-1	-3	-2	0	1	2	1	-7	-10	-4	-3	-11	-14	-10	-10	-7	-9	-14	-14	-16	-21	-0.21	-0.12	-0.13	-0.07	0	-2	0	6						
24	0	2	4	5	2	0	5	4	-2	0	1	3	-12	-12	-11	-12	3	2	3	5	-2	0	1	6	2	-10	-16	-5	-4	-0.01	0	-0.01	0.01	-2	1	-2	4			
26	0	0	0	0	2	4	2	1	0	0	1	1	-1	-1	0	0	3	1	3	1	-1	1	1	1	3	2	2	2	-0.06	-0.06	-0.05	-0.02	5	6	4	10				
27	-1	-1	-2	-2	-4	4	5	4	-1	1	-1	-4	-4	-3	-3	-1	-2	0	0	1	2	2	1	0	0	0	0	0	-0.02	0.01	1	2	1	5						
30	11	12	11	11	-9	-8	-2	-7	7	6	9	9	1	0	2	2	-5	-11	0	0	3	0	4	3	0	-9	2	4	7	5	10	9	-0.43	0.14	0.09	0.17				
31	6	8	6	5	1	3	-2	-6	-3	-2	1	1	-17	-17	-17	-17	-15	-13	-14	-9	-7	-7	-8	-8	-18	-19	-16	-13	-19	-19	-15	-10	-0.08	-0.1	0	1				
32	1	3	2	2	9	15	0	2	1	1	1	0	-4	-4	1	-2	-4	-2	-4	0	-43	-52	-61	-39	0	0	0	0	-0.05	-0.06	0	0.05	-1	-6	-3	2				
33	1	-3	4	1	-5	-6	-5	-5	-2	-4	4	3	-12	-13	-11	-10	-4	-4	-4	-2	-2	-2	-2	-2	-13	-8	-9	-10	-11	-11	-6	-0.08	-0.04	-0.02	1	1	6			
34	189	187	191	190	-95	-99	-100	-85	321	328	333	327	94	96	94	99	-12	-11	-9	-10	-11	-11	-11	0	1	9	6	6	98	100	97	103	-4.26	-3.94	-2.7	-2.01	-15	-9	-88	-90
35	1	2	2	1	2	5	2	2	1	1	2	2	-3	-2	1	0	0	-2	-3	-2	-2	-1	-1	-1	-1	-6	-6	-1	-2	-0.05	-0.03	-0.03	0	-1	-1	4				
36	-1	-1	2	1	1	3	1	1	-1	0	0	3	4	-1	-1	-2	-2	-1	0	0	2	-11	-9	-6	1	-3	1	-1	-1	-0.05	-0.04	-0.04	0	-5	-3	-7	1			
38	0	0	0	0	-2	-3	0	-1	-1	1	1	1	-6	-10	-2	-4	-3	-2	0	0	-8	2	-4	-8	-11	-10	-11	-9	-14	-10	-10	-2	-0.08	-0.05	-0.03	0.03	-4	-4	-1	6
39	-1	0	0	-1	0	1	1	2	-1	1	0	0	-1	2	1	4	2	3	0	1	1	0	1	1	1	-3	1	1	1	2	1	1	-0.04	-0.04	-0.02	1				
42	-3	-6	-2	-1	-11	-10	-8	-7	0	-2	0	3	1	10	3	3	14	25	10	11	-20	-34	-15	108	122</td															