

EMEP – 33rd intercomparison of analytical methods - % deviation from expected value

Lab no	Precipitation																																pH				Cond																																																														
	SO ₄ ²⁻				NH ₄ ⁺				NO ₃ ⁻				Na ⁺				Mg ²⁺				Cl ⁻				Ca ²⁺				K ⁺				pH-units from expected value				% deviation form expected value																																																														
	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	G1	G2	G3	G4																																																											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100

 SO₄²⁻ and NO₃⁻ : between ±10 and 20%
 NH₄⁺, Cl⁻, Na⁺, Mg²⁺, Ca²⁺, K⁺ and cond: between ±15 and 25%
 pH: between ±0.1-0.2 pH-units
 SO₄²⁻ and NO₃⁻ : more than ±20%
 NH₄⁺, Cl⁻, Na⁺, Mg²⁺, Ca²⁺, K⁺ and cond: more than ±25%
 pH: more than ±0.2 pH-units