

## Combined uncertainty in the theoretical values (%) for the EMEP laboratory intercomparison Round 37

Sample type G	H+	SO4-S	NO3-N	Na	NH4-N	Cl	Mg	Ca	K	pH	Cond.
G1	0.68	1.01	1.53	0.61	0.99	0.55	0.50	0.56	1.13	0.68	0.86
G2	0.23	0.66	0.54	0.39	0.34	0.35	0.50	0.20	0.37	0.23	0.41
G3	1.11	1.14	1.07	0.81	0.25	0.12	0.50	0.20	0.67	1.11	0.68
G4	1.00	1.08	0.77	0.68	0.20	0.15	0.50	0.27	0.33	1.00	0.56

Sample type H	As	Cd	Cr	Cu	Ni	Pb	Zn
H1	0.82	0.71	0.63	0.47	0.54	0.53	0.63
H2	0.82	0.71	0.63	0.49	0.54	0.53	0.60
H3	0.82	0.71	0.79	0.50	0.47	0.54	0.65
H4	0.82	0.74	0.80	0.46	0.54	0.49	0.59

Sample type B	SO2	HNO3
B1	4.5	4.2
B2	3.7	4.5
B4	1.9	2.0
B6	2.4	2.5

Sample type C	NO2
C1	0.18
C2	0.19
C3	0.21
C4	0.21

Sample type J	NH3
J1	3.9
J2	3.6
J3	3.3
J6	4.1