

## Combined uncertainty in the theoretical values (%) for the EMEP laboratory intercomparison Round 38

Sample type G	H+	SO4-S	NO3-N	Na	NH4-N	Cl	Mg	Ca	K	pH	Cond.
G1	0.43	0.63	1.18	0.70	0.88	0.43	0.33	0.33	0.56	0.43	0.63
G2	0.40	0.88	0.75	0.61	0.44	0.21	0.33	0.56	0.22	0.40	0.53
G3	1.11	1.13	0.82	0.75	0.26	0.13	0.33	0.16	0.22	1.11	0.60
G4	1.17	1.19	0.80	0.72	0.30	0.11	0.33	0.17	0.21	1.17	0.59

Sample type H	As	Cd	Cr	Cu	Ni	Pb	Zn
H1	1.18	1.18	1.14	1.18	1.16	1.10	1.08
H2	1.25	1.20	1.15	1.14	1.16	1.22	1.13
H3	1.15	1.10	1.18	1.18	1.18	1.14	1.11
H4	1.15	1.22	1.10	1.15	1.15	1.09	1.08

Sample type B	SO2	HNO3
B3	3.9	3.8
B4	3.2	3.2
B5	2.2	2.2
B6	2.4	2.4

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

Sample type J	NH3
J1	3.8
J2	4.3
J3	5.4
J6	5.7