

Compilation of process blanks, digest blanks, detection limits and related derived quantities

Units are pmol per digestion vial unless indicated (as %).

		Cd	Al	Mn	Fe	Co	Cu	P	Ti	V	Ni	Zn
Labile	Average Process Blank	1.32	120.7	4.36	118.9	0.35	31.15	5,660	3.08	5.15	12.27	135.68
	Process Blank Std. Deviation	0.73	73.4	0.40	79.1	0.15	6.17	2,374	1.27	2.19	6.63	39.64
	Detection Limit (3x Std. Dev)	2.20	220.1	1.19	237.3	0.44	18.52	7,122	3.82	6.56	19.89	118.93
	Process Blank Sample Count (n)	6	6	5	4	6	6	5	6	6	6	6
	Samples Below Detection (%)	3%	3%	0%	5%	0%	1%	3%	4%	1%	4%	12%
	*Median Process Blank Correction (%)	8%	3%	1%	3%	4%	21%	10%	7%	8%	11%	26%
Refractory	Average Process Blank	0.23	2,415	8.00	367.6	0.22	16.56	3,127	348.0	1.56	9.83	46.35
	Process Blank Std. Deviation	0.15	971	1.78	152.4	0.06	9.49	1,985	134.1	0.48	4.55	12.70
	Detection Limit (3x Std. Dev)	0.45	2,913	5.34	457.26	0.19	28.46	5,956	402.4	1.44	13.65	38.11
	Process Blank Sample Count (n)	6	5	4	5	5	6	6	5	5	6	6
	Samples Below Detection (%)	0%	6%	0%	4%	0%	12%	0%	10%	0%	4%	11%
	*Median Process Blank Correction (%)	5%	5%	3%	5%	3%	11%	13%	10%	4%	13%	21%
Total	Calculated Std. Deviation	0.75	974	1.82	171.7	0.16	10.68	3,095	134.1	2.24	8.04	41.63
	Detection Limit (3x Std. Dev)	2.25	2,921	5.47	515.2	0.47	32.04	9,284	402.4	6.72	24.12	124.89

*For reported (above detection-limit) samples only