

SUPPORTING INFORMATION FOR

**Quantification of Re and four other trace elements (Ag, Cd, Pd, Zn)**

**in certified reference materials and natural waters**

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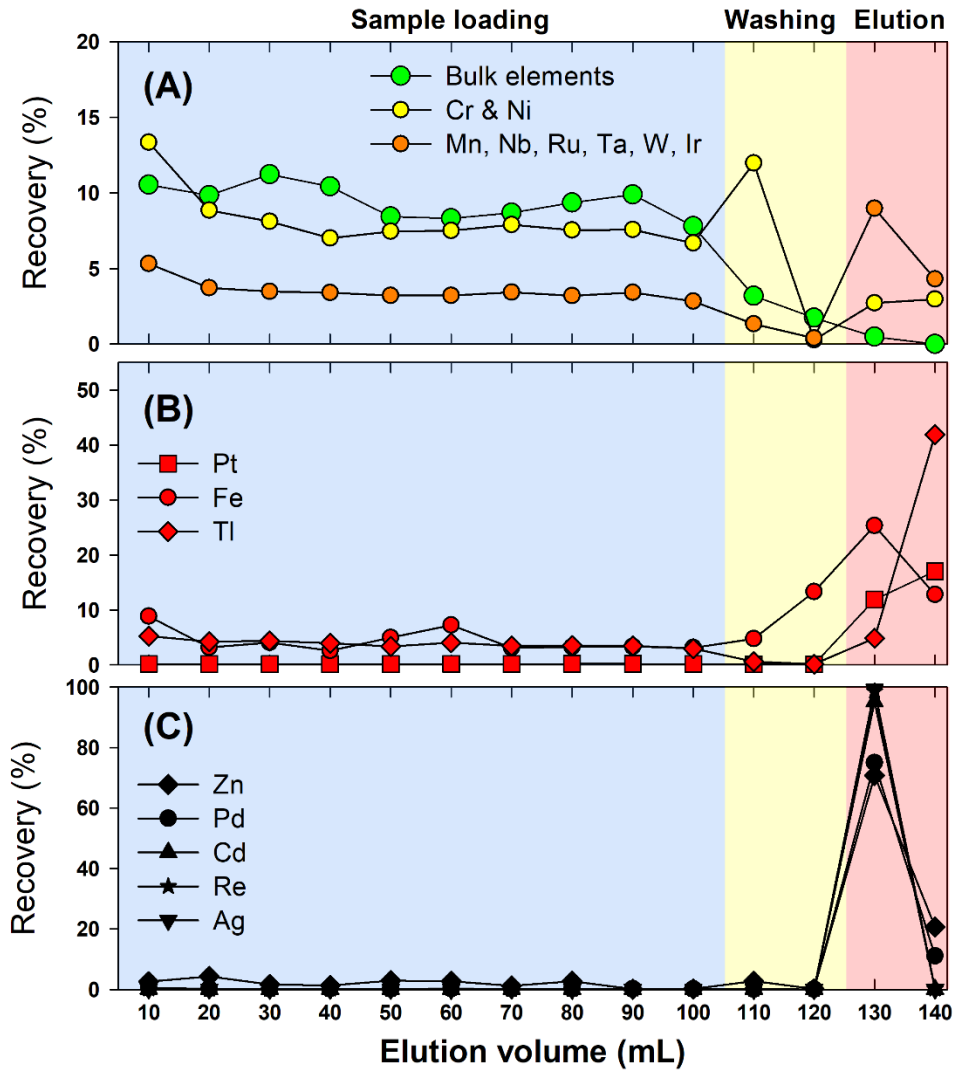
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**Table S1:** Summary of the elution curve of 55 elements through 1 mL of the AmberChrom® 1-X8 resin, *i.e.*, column recovery of the elements during sample loading, washing and final elution (0.5 µg through 1mL of the resin, see section 2.3.1. for more details). Note that only La is shown as representative of the lanthanide series. Also, S and P were not measured although being present in the multi-element standard solution.

Element	Column recovery (%)		
	Sample loading	Washing	Elution
Li	95	5	0
Be	97	2	1
Mg	69	14	17
Al	82	7	11
Sc	92	1	1
V	93	1	1
Cr	82	12	6
Mn	82	4	14
Fe	44	18	38
Co	91	1	2
Ni	80	14	6
Cu	90	2	8
Zn	19	3	92
Ga	89	2	2
Ge	81	2	0
As	95	3	1
Se	97	2	1
Rb	92	1	1
Sr	93	1	3
Y	98	1	1
Zr	94	1	2
Nb	69	2	6
Mo	87	8	5
Ru	83	3	14
Rh	95	3	2
Pd	2	0	86
Ag	1	0	99
Cd	0	0	95
Sb	97	1	2
Te	94	5	1
Cs	98	1	1
Ba	96	1	2
La	98	1	1
Hf	98	1	1
Ta	59	0	5
W	35	2	13
Re	1	0	99
Os	1	0	1
Ir	78	13	9
Pt	2	0	29
Tl	39	1	47
Pb	78	12	10
U	95	4	1



**Figure S1:** Elution curves of the elements for the 57-element column calibration test. Bulk elements are listed as green circles in **Figure 1**.