

Supporting Information

Influence of Krakow winter and summer dusts on the redox cycling of vitamin B_{12a} in the presence of ascorbic acid

Justyna Polaczek¹, Angelika Jodłowska¹ Grażyna Stochel¹ and Rudi van Eldik^{1,2,*}

¹ Faculty of Chemistry, Jagiellonian University, Gronostajowa 2, 30-387 Krakow, Poland; justyna.polaczek@uj.edu.pl (J.P.), angelika.jodlowska@uj.edu.pl (A.J.), stochel@chemia.uj.edu.pl (G.S.)

² Department of Chemistry and Pharmacy, University of Erlangen-Nuremberg, Egerlandstr. 1, 91058 Erlangen, Germany; rudi.vaneldik@fau.de (R.v.E.)

* Correspondence: rudi.vaneldik@fau.de

Table S1. Elemental content of NIST PM, Krakow winter and Krakow summer dust obtained by ICP MS analysis. Presented values are average values from measurements of 6 samples using the method Total Quant.

Element	Concentration µg/L					
	NIST	+/-	Krakow Winter	+/-	Krakow Summer	+/-
Li	0.30	0.09	0.21	0.07	0.19	0.07
Na	83	37	179	40	180	18
Mg	86	12	30	16	45	6
Al	386	43	68	6	132	17
K	190	91	148	81	100	98
Ca	325	108	74	20	140	47
Ti	16	5	9	7	12	9
V	1.4	0.2	0.17	0.03	0.36	0.06
Cr	6.0	7.1	1.1	0.3	1.2	0.4
Mn	11	1	4.0	0.1	5.6	0.9
Fe	348	83	95	16	176	52
Co	0.18	0.02	0.07	0.04	0.06	0.02
Ni	0.25	0.15	0.07	0.14	0.05	0.07
Cu	2.5	0.9	0.3	0.5	1.1	0.8
Zn	42	6	44	10	73	17
Ga	0.25	0.09	0.27	0.03	0.16	0.07
Ge	0.26	0.14	0.2	0.1	0.14	0.03
As	2.9	0.3	1.2	0.3	1.3	0.3
Se	1.6	0.8	0.9	0.7	1.7	0.9
Br	99	4	109	6	124	11
Rb	0.48	0.11	0.37	0.03	0.33	0.06
Sr	2.1	0.4	0.70	0.18	0.71	0.21
Y	0.13	0.03	0.02	0.01	0.04	0.01
Zr	1.8	0.1	1.4	0.1	1.9	0.1
Nb	0.22	0.11	0.02	0.01	0.04	0.01
Mo	0.32	0.11	0.13	0.06	0.19	0.06
Cd	0.79	0.13	0.21	0.04	0.22	0.04
Sn	1.5	0.2	1.2	0.1	2.1	0.2
Sb	0.46	0.09	0.86	0.08	1.0	0.2
I	1.2	0.3	3.3	0.3	4.5	0.3
Xe	1.0	1.2	0.0	0.0	0.0	0.0
Ba	6.9	0.9	2.2	0.1	3.6	0.6
La	0.46	0.09	0.11	0.09	0.13	0.02
Ce	0.75	0.17	3.1	0.3	0.28	0.05
Nd	0.22	0.03	0.01	0.01	0.04	0.01
W	0.22	0.06	0.26	0.13	0.29	0.11
Pb	63	10	7.1	0.7	6.6	1.0
Bi	0.12	0.03	0.21	0.02	0.13	0.01