

**Table S1.** Monitoring of AQ in dry matrixes samples.

Sample code	Matrix	Purchase country	AQ (M24) (µg/kg)	AQ (AM12) (µg/kg)
S01	Coffee	S		
S02	Tea (black)	S		
S03	Oregano	S		
S04	Parsley	S		
S05	Thymus	S		
S06	Rosemary	S		
S07	Tea (green)	S		
S08	Tea (rooibos)	S		
S09	Tea (camomile)	S		
S10	Tea (red)	S		
S11	Tea (green)	S	5.8	< LOQ
S12	Tea (white)	S		
S13	Tea (Oolong)	S	7.7	7.7
S14	Tea (Bancha)	S		
S15	Tea (green)	S		
S16	Coffee	S		
S17	Coffee	S		
S18	Coffee	S		
S19	Coffee	S		
S20	Coffee	S		
S21	Coffee (Powdered milk)	S		
S22	Coffee	S		
S23	Coffee (freeze-dried)	S		
S24	Tea (camomile & rooibos)	S		
S25	Tea (Earl Gray)	S	18.0	17.2
S26	Tea (red)	S	9.8	8.6
S27	Tea (green)	S	7.6	7.7
S28	Tea (black)	S	18.8	18.3
S29	Tea (lime flower, linden)	P		
S30	Tea (green)	P	12.0	11.3
S31	Tea (lemon balm)	P		
S32	Tea (common vervain)	P		
S33	Tea (black)	P		
S34	Tea (peppermint)	P	7.3	7.6
S35	Tea	P	9.2	9.4
S36	Tea (red)	S	10.2	9.5
S37	Tea (mint)	S		
S38	Tea (Ceylon)	S	7.9	8.3
S39	Tea (camomile)	S		
S40	Tea (camomile)	P	7.8	7.5
S41	Tea (black)	P		
S42	Tea (lime flower, linden)	P	8.5	8.0
S43	Coffee (freeze-dried, decaf.)	P		
S44	Coffee (freeze-dried)	S		
S45	Coffee (freeze-dried)	S		
S46	Coffee (freeze-dried)	S		
S47	Coffee	S		
S48	Tea (camomile)	S		
S49	Tea (camomile)	S		
S50	Tea (camomile)	S		
S51	Tea (pennyroyal)	S		
S52	Coffee	S		
S53	Coffee	S		
S54	Coffee	S		
S55	Tea (black, English blend)	DK		
S56	Tea (Moroccan mint)	DK	7.8	7.6
S57	Tea (Green, lemmon)	DK	11.9	12.4
S58	Tea (Camomile)	DK	8.4	8.7
S59	Tea (Forest fruit tea)	DK		

S60	Tea (Earl Grey)	DK		
S61	Tea (black, English breakfast)	DK	10.4	9.7
S62	Tea (green, fennel)	DK	17.1	17.6
S63	Tea (camomile, fennel)	DK	17.0	16.8
S64	Tea (organic rose, camomile, lavender)	DK	10.5	10.9
S65	Tea (Green, lemmon)	DK	15.0	15.8
S66	Tea (English)	DK	8.0	8.5
S67	Tea (Red)	S	14.5	13.6
S68	Tea (rooibos)	S		
S69	Tea	S	5.7	< LOQ
S70	Tea (Red)	S	5.1	< LOQ
S71	Tea (camomile)	S		
S72	Tea (Earl Grey)	DK	11.8	11.5
S73	Tea (green)	DK	5.1	< LOQ
S74	Tea (camomile)	DK	8.9	9.4
S75	Tea (camomile)	DK	7.2	7.5
S76	Tea (menta douce)	DK		
S77	Tea (ceylon)	DK		
S78	Tea (green & white tea)	DK		
S79	Tea (black)	DK		
S80	Tea (Earl Gray)	DK		
S81	Tea (black)	DK		
S82	Tea (Earl Grey)	S		
S83	Cocoa	S		
S84	Cocoa	S		
S85	Cocoa	P		
S86	Cocoa	P		
S87	Cocoa	DK		
S88	Cocoa	DK		
S89	Cocoa (deffated, powder)	S		
S90	Cocoa (deffated, powder)	S		

**DK:** Denmark; **P:** Portugal; **S:** Spain.