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Supplementary Materials: Effects of Artificial Sweat Formulation and Extraction Temperature on Estimation of the Dermal Bioaccessibility of Potentially Toxic Elements in a Contaminated Soil from an e-Waste Recycling Site

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Table S1. Analyte recoveries (%) from spiked sweat solutions without geological material (mean ± SD, n=3).

		As	Cd	Cr	Cu	Fe	Mn	Ni	Pb	Zn
At 17 OC	DIW	92.7 ± 1.3	94.0 ± 0.7	89.6 ± 0.4	103 ± 2	92.6 ± 0.4	96.0 ± 1.4	88.6 ± 0.3	95.5 ± 1.6	81.4 ± 1.6
	BSI	92.9 ± 1.0	90.0 ± 1.8	87.5 ± 0.3	86.4 ± 2.8	88.6 ± 1.3	91.4 ± 2.4	84.8 ± 1.3	91.6 ± 1.2	94.4 ± 1.7
	NIHS	87.8 ± 0.2	85.6 ± 0.2	84.1 ± 0.3	93.9 ± 0.5	84.7 ± 0.5	88.5 ± 0.4	78.7 ± 0.4	94.8 ± 0.4	78.6 ± 1.4
	ALT	92.3 ± 0.7	88.3 ± 0.9	85.2 ± 1.3	82.5 ± 0.2	86.3 ± 0.4	89.8 ± 0.5	82.6 ± 0.4	91.3 ± 0.5	83.4 ± 1.6
	ARI	94.0 ± 2.0	90.1 ± 1.5	86.8 ± 1.3	84.3 ± 0.5	87.9 ± 0.8	91.8 ± 0.9	83.8 ± 1.2	93.5 ± 1.7	85.0 ± 1.5
	CHE	94.5 ± 1.5	89.9 ± 1.3	87.5 ± 1.5	88.4 ± 0.6	88.1 ± 1.7	91.7 ± 2.4	84.7 ± 2.2	104 ± 2	80.0 ± 1.2
At 27 OC	DIW	87.0 ± 1.5	86.2 ± 1.4	82.7 ± 1.4	88.1 ± 1.8	87.9 ± 1.9	88.4 ± 3.1	82.3 ± 1.4	99.4 ± 3.1	86.5 ± 1.7
	BSI	90.2 ± 2.3	87.1 ± 3.5	83.7 ± 1.4	88.7 ± 2.6	91.0 ± 1.7	89.2 ± 2.3	81.2 ± 1.6	99.6 ± 3.2	95.0 ± 3.0
	NIHS	91.7 ± 1.8	81.9 ± 3.7	79.7 ± 3.0	86.5 ± 1.3	87.2 ± 1.8	85.9 ± 1.6	74.4 ± 1.7	97.4 ± 1.5	81.3 ± 2.1
	ALT	88.9 ± 2.1	84.0 ± 1.3	82.5 ± 4.6	86.6 ± 1.8	91.7 ± 1.9	87.5 ± 1.7	78.3 ± 2.1	97.8 ± 1.9	77.0 ± 1.1
	ARI	103 ± 2	99.7 ± 2.1	96.1 ± 1.7	96.0 ± 2.3	92.7 ± 1.5	101 ± 1	92.8 ± 2.0	113 ± 3	96.2 ± 2.1
	CHE	88.4 ± 1.3	83.6 ± 1.6	81.4 ± 1.3	81.1 ± 1.9	88.6 ± 1.7	86.0 ± 1.6	77.3 ± 1.9	93.6 ± 1.9	90.1 ± 1.2
At 32 OC	DIW	93.8 ± 1.4	92.2 ± 1.4	90.0 ± 1.3	90.1 ± 1.4	94.5 ± 1.7	96.9 ± 1.4	84.1 ± 1.2	90.7 ± 0.9	71.0 ± 0.5
	BSI	94.1 ± 0.9	90.5 ± 0.7	87.8 ± 0.8	84.8 ± 2.3	91.1 ± 1.1	94.0 ± 0.3	81.2 ± 0.7	90.9 ± 1.1	83.5 ± 1.1
	NIHS	96.1 ± 1.3	85.8 ± 1.0	84.9 ± 0.9	98.5 ± 1.2	87.8 ± 1.3	91.7 ± 0.8	70.0 ± 1.5	94.0 ± 0.8	82.4 ± 0.7
	ALT	93.9 ± 1.0	89.3 ± 0.9	87.6 ± 0.7	97.2 ± 2.3	91.2 ± 0.8	94.5 ± 0.3	70.8 ± 0.4	93.1 ± 0.8	110 ± 1
	ARI	91.8 ± 1.3	87.5 ± 0.5	86.0 ± 0.5	90.2 ± 1.7	90.1 ± 0.7	92.3 ± 1.2	83.6 ± 1.9	91.0 ± 0.6	109 ± 2
	CHE	94.4 ± 1.0	88.7 ± 0.8	87.8 ± 0.9	87.4 ± 1.8	91.8 ± 2.0	93.9 ± 0.9	82.4 ± 0.9	91.9 ± 0.6	84.2 ± 0.9