

Supplementary data for the article:

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1 **Supplementary material**

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Bioaccumulation and effects of metals on oxidative stress and neurotoxicity parameters in the frogs from the *Pelophylax esculentus* complex  
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**Content**

**Figure S1:** Map of the sampling site Obedska Bara in Serbia.  
**Table S1:** Results of determination of elements in the reference material TORT-2 (lobster hepatopancreas reference material for trace metals).

53 **Table S1** Results of determination of elements in the reference material TORT-2 (lobster hepatopancreas reference  
54 material for trace metals)  
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Element	TORT-2	
	Certified value $\pm$ uncertainty* (mg/kg)	Found value $\pm$ uncertainty (mg/kg)
As	21.6 $\pm$ 1.8	21.0 $\pm$ 0.9
Cd	26.7 $\pm$ 0.6	26.65 $\pm$ 0.05
Cr	0.77 $\pm$ 0.15	0.8 $\pm$ 0.2
Co	0.51 $\pm$ 0.09	0.50 $\pm$ 0.15
Cu	106 $\pm$ 10	107.1 $\pm$ 0.9
Ni	2.5 $\pm$ 0.19	2.4 $\pm$ 0.2
Pb	0.35 $\pm$ 0.13	0.34 $\pm$ 0.10
Zn	180 $\pm$ 6	180.2 $\pm$ 0.4
Fe	105 $\pm$ 13	106.1 $\pm$ 2.3
Sr	45.2 $\pm$ 1.9	45.2 $\pm$ 0.4
Mn	13.6 $\pm$ 1.2	13.6 $\pm$ 0.8
Hg	0.27 $\pm$ 0.06	0.27 $\pm$ 0.17

56 \*Uncertainty for 95 % confidence level (coverage factor k = 2).

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