

Table S1

Determined amounts of Al, Ba and Cr in the analyzed solid plastic samples by the ETAAS method.

Sample	Al		Ba		Cr	
	Determination amount $\pm$ SD [$\mu\text{g g}^{-1}$]	RSD [%]	Determination amount $\pm$ SD [$\mu\text{g g}^{-1}$]	RSD [%]	Determination amount $\pm$ SD [$\mu\text{g g}^{-1}$]	RSD [%]
PVC (baby teether)	1.64 $\pm$ 0.05	3.29	1.60 $\pm$ 0.10	6.06	1.03 $\pm$ 0.07	7.06
PVC (doll)	4.59 $\pm$ 0.12	2.54	2.18 $\pm$ 0.07	3.21	9.73 $\pm$ 0.39	4.01
PVC (stikeez)	3.55 $\pm$ 0.10	2.93	1.37 $\pm$ 0.04	2.57	0.63 $\pm$ 0.03	5.24
EPR+PVC (rubber duck)	4.26 $\pm$ 0.14	3.31	2.33 $\pm$ 0.12	5.15	4.99 $\pm$ 0.24	4.81
PP (straw)	3.73 $\pm$ 0.18	4.83	2.33 $\pm$ 0.10	4.29	3.48 $\pm$ 0.13	3.72
PS (toy car)	22.82 $\pm$ 1.48	6.47	6.21 $\pm$ 0.19	3.05	6.32 $\pm$ 0.32	5.05
ABS (lego)	1.61 $\pm$ 0.05	2.81	2.24 $\pm$ 0.09	4.02	6.38 $\pm$ 0.28	4.39
SI (nipple shield)	1.87 $\pm$ 0.11	5.97	1.06 $\pm$ 0.06	5.23	4.14 $\pm$ 0.08	1.92
SI (pacifier)	5.29 $\pm$ 0.18	3.47	1.78 $\pm$ 0.07	3.94	6.80 $\pm$ 0.31	4.50
PE+PP (IM7581)	9.78 $\pm$ 0.46	4.70	3.91 $\pm$ 0.10	2.49	8.02 $\pm$ 0.29	3.61
CRM	n.a.	n.a.	n.a.	n.a.	10.53 $\pm$ 0.46	4.37

CRM – certified reference material ERM-EC680m (polyethylene); SD - standard deviation for the number of measurements n = 6; n.a. - no analyzed