

**Test Report No.: 244224042c 001**

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**1. EN 71-3:2019 Migration of 19 Elements - with reference to 2009/48/EC and its amendments**

Test Method: with reference to EN 71-3:2019, analyzed by ICP-OES or / ICP-MS / LC-ICP-MS.

**1) For dry, brittle, powder-like or pliable toy materials :**
**Test Result:**

				Test No.	T003
				Material No.	C001
Test Parameter	Unit	RL	Regulatory Requirement	Result	
Aluminium (Al) $\Sigma$	mg/kg	10	5,625	39.2	
Antimony (Sb)	mg/kg	1	45	< RL	
Arsenic (As)	mg/kg	0.5	3.8	< RL	
Barium (Ba)	mg/kg	2.5	1,500	5.9	
Boron (B)	mg/kg	10	1,200	< RL	
Cadmium (Cd)	mg/kg	0.1	1.3	< RL	
Chromium III (Cr(III))	mg/kg	1	37.5	< RL	
Chromium VI (Cr(VI))	mg/kg	0.015	0.02	< RL	
Cobalt (Co)	mg/kg	0.5	10.5	< RL	
Copper (Cu)	mg/kg	2.5	622.5	< RL	
Lead (Pb)	mg/kg	0.4	2.0	0.7	
Manganese (Mn)	mg/kg	2.5	1,200	< RL	
Mercury (Hg)	mg/kg	0.5	7.5	< RL	
Nickel (Ni)	mg/kg	2.5	75	< RL	
Selenium (Se)	mg/kg	2.5	37.5	< RL	
Strontium (Sr)	mg/kg	2.5	4,500	2.6	
Tin (Sn)	mg/kg	0.2	15,000	< RL	
Organic Tin <sup>^</sup>	mg/kg	0.2	0.9	-	
Zinc (Zn)	mg/kg	10	3,750	< RL	

**Abbreviation:** < less than  
 RL = Reporting Limit  
 mg/kg denotes milligram per kilogram  
<sup>^</sup> denotes Organic tin are not necessary to be determined when the Tin concentration is less than calculated limit (0.3 mg/kg)