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O-045

EXAMINATION REPORT

No.: E-47/18 en

Date: 19.02. 2018.

Report ID No.	E-47/18 en Translation of our test report No E-47/18 of February, 2018
Requested by	Institute of Public Health Sremska Mitrovica Stari šor 47 Tel 022/610-511, fax 022/636-509 e-mail:info@zdravlje-sm.org.rs
Test request submitter	MEGAPLAST, Zmaj Jovina 47, Indjija Serbia
Sample	Sample toys: Plastic games on substrates (Domino, Man do not be angry, Chess, Up and down, Money planet, Rikoset, Scene of the crime, Children and traffic, Colors and shapes, Colors, Mega memo, Yamb-cubes and balls, 3+, 4+,madnes,Games in a can, Letters, Foundations, Autodroom
Type of testing	Migration tests according to Safety of toys-Part 3: Migration of certain elements ; EN 71-3/A1: 2014. (SRPS EN 71-3, 2015).
Test started (date of receipt in lab)	08.02.2018. The test conditions were applied in accordance with The examination with simulant HCl solution
Test ended	19.02.2018.

Parameter - Migration of certain elements	Measure unit	Found value	Reference value	Method's mark
Arsenic (As)	mg/kg	< 1,080	47	SRPS EN 71-3, 2015
Mercury(Hg)	mg/kg	< 0,100	94	SRPS EN 71-3, 2015
Zinc(Zn)	mg/kg	< 3,840	46 000	SRPS EN 71-3, 2015
Barium(Ba)	mg/kg	< 17,690	18 750	SRPS EN 71-3, 2015
Cobalt (Co)	mg/kg	< 9,380	130	SRPS EN 71-3, 2015
Cadmium (Cd)	mg/kg	< 2,610	17	SRPS EN 71-3, 2015
Copper(Cu)	mg/kg	2,440	7 700	SRPS EN 71-3, 2015
Lead (Pb)	mg/kg	< 27,620	160	SRPS EN 71-3, 2015
Nickel (Ni)	mg/kg	< 2,320	930	SRPS EN 71-3, 2015
Manganese(Mn)	mg/kg	< 2,940	15 000	SRPS EN 71-3, 2015

INTERPRETATION OF THE RESULTS:

On basis of the parameter analysis results, the examined sample:

- Sample toys: Plastic games on substrates (Domino, Man do not be angry, Chess, Up and down, Money planet, Rikoset, Scene of the crime, Children and traffic, Colors and shapes, Colors, Mega memo, Yamb-cubes and balls, 3+, 4+,madnes,Games in a can, Letters, Foundations, Autodroom

- Migration tests according to Safety of toys-Part 3: Migration of certain elements ; EN 71-3/A1: 2014. (SRPS EN 71-3, 2015), Category III.

Legend:
*method is not accredited

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