



Institute of Public Health Sremska Mitrovica

Stari šor 47

Tel 022/610-511, fax 022/636-509

e-mail:info@zdravlje-sm.org.rs

O-045

EXAMINATION REPORT

No.: E-46/18 en

Date: 19.02. 2018.

Report ID No.	E-46/18 en Translation of our test report No E-46/18 of February , 2018
Tested 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: Mega puzzle (150,350,box, 15-36,15-72, 15-204), mega puzzle micro (120,240,480,1200)
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: Mega puzzle (150,350,box, 15-36,15-72, 15-204), mega puzzle micro (120,240,480,1200)

- 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

Zdravlje Ljubiteće
100% prirodne kemije
za zdravu i zdravu

Specialist in sanitary or toxicology chemistry