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Baril Coatings B.V.
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ANALYTICAL REPORT SP16-002701

The analysis of the sample said to be : Toys

Article description : Paint
Packaging : -
Instructions for use/assembly : Not Provided
Article no : -
Manufacturer : -
Country of Origin : -
Labelled Age Grading : -
Requested Age : -
SGS Assessed Age* : -
Date sample received : 06-01-2016
Testing Period : 07-01-2016 till 21-01-2016

(* Based on CR 14379/ASTM F963)

<u>Sample</u>	<u>Description</u>
006	Pura lacquer Satin finish

Test Requested

EN 71-3 Safety of Toys - Migration of Certain Elements 2014 CAT III

Method

EN 71-3:2013+A1(2014)

Result

PASS

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Member of the SGS Group

All orders are executed only in accordance with the latest version of our conditions filed at the Rotterdam District Court or the General Cargo Survey and Inspection Conditions, last version, filed at the Rotterdam District Court and at the Chamber of Commerce in Rotterdam. Upon request the conditions will be sent to you.

EN 71-3 Safety of Toys - Migration of Certain Elements 2014 CAT III

Method: With reference to EN71-3:2013+A1(2014). Analysis of general elements is performed by ICP-MS. If confirmation of Chromium (III) and Chromium (VI) has been performed, Chromium (III) was obtained by calculation, Chromium (VI) was analyzed by IC-UV/VIS.

		mg/kg	Permissible Limit (mg/kg)
		006	
Weight of the sample	g	>0,10	
Soluble Aluminium	Al	<50	70.000
Soluble Antimony	Sb	<10	560
Soluble Arsenic	As	<10	47
Soluble Barium	Ba	<50	18.750
Soluble Boron	B	<50	15.000
Soluble Cadmium	Cd	<5,0	17
Soluble Chromium	Cr	<0,15	--
Soluble Chromium (III)	Cr(III)	<5,0	460
Soluble Chromium (VI)	Cr(VI)	<0,18	0,2
Soluble Cobalt	Co	<10	130
Soluble Copper	Cu	<50	7.700
Soluble Lead	Pb	<10	160
Soluble Manganese	Mn	<50	15.000
Soluble Mercury	Hg	<10	94
Soluble Nickel	Ni	<10	930
Soluble Selenium	Se	<10	460
Soluble Strontium	Sr	<50	56.000
Soluble Tin	Sn	<4,9	180.000
Soluble Organic Tin	--	<12	12
Soluble Zinc	Zn	<50	46.000
Conclusion		PASS	

- Note:
- NC = Not conducted
 - INCONCLUSIVE = Confirmation test is recommended.
 - Confirmation test of soluble chromium (III) & chromium (VI) is not required in case of soluble chromium does not exceed their requirements as specified in EN71-3:2013+A1(2014). Confirmation shall be subcontracted within The SGS group.
 - Confirmation test of soluble organic tin is not required in case of soluble tin, after conversion, does not exceed the soluble organic tin requirement as specified in EN71-3:2013+A1(2014). Confirmation shall be subcontracted within The SGS group.
 - NA = Not applicable; As received, test portion of the subsample is less than 10 mg, therefore such component was not tested for migration of certain elements, as specified in EN71-3:2013 + A1(2014).

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Spijkernisse, 22 January 2016
C&R/AFL Laboratory

E.A.M. van Meurs [EVM]
Laboratory Manager

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