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## **ANALYTICAL REPORT SP21-028172**

The analysis of the sample said to be : Consumer Products

Article description : 89701 Copperant Flora Hout- en Vloerlak Article no : 22-07-2021 Date sample received : 22-07-2021 till 27-07-2021 **Testing Period** 



Sample Description 001 Copperant Flora Hout- en Vloerlak

Test Requested

EN 71-3 Safety of Toys - Migration of Certain Elements CAT III (2019)

Method EN 71-3:2019 **Result** PASS

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## EN 71-3 Safety of Toys - Migration of Certain Elements CAT III (2019)

Category III: Scraped-off materials

Method: In accordance with EN71-3:2019. 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 and organic tin was analyzed by GC-MS.

		mg/kg 001	Permissible Limit (mg/kg)
Weight of the sample	mg	>100,00	
Soluble Aluminium	Al	<50	28.130
Soluble Antimony	Sb	<10	560
Soluble Arsenic	As	<10	47
Soluble Barium	Ва	<50	18.750
Soluble Boron	В	<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)	<0,020	0,053
Soluble Cobalt	Со	<10	130
Soluble Copper	Cu	<50	7.700
Soluble Lead	Pb	<10	23
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	0,48	180.000
Soluble Organic Tin	Org_Tin	<4,9	12
Soluble Zinc	Zn	<50	46.000
Conclusion		PASS	

Note:

- NC = Not conducted

- INCONCLUSIVE = Confirmation test is recommended.

- Confirmation test of soluble chromium (III) and chromium (VI) is not required in case of soluble chromium does not exceed their requirements as specified in EN71-3:2019.

- 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 EN71-3:2019. Confirmation shall be subcontracted within The SGS group.

- If soluble tin is <4,9 mg/kg, it is assumed that soluble organic tin is <12 mg/kg.

- NA = Not applicable; As received, test portion of the subsample is less than 10 mg, therefore such a component was not

tested for migration of certain elements, as specified in EN71-3:2019.

- The measurement uncertainty (20%) has been applied to calculate the conclusion.

- The test results relate only to the sample that was tested.

- For applied limit for AI in accordance with Directive (EU) 2019/1922.

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## Sample: 001

Description: Copperant Flora Hout- en Vloerlak



Spijkenisse, 27 July 2021 C&R/AFL Laboratory E.A.M. van Meurs Laboratory Manager

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