

## Test Report

No.: SHAEC23002296227

Date: Mar 13, 2023

Page 1 of 3

Client Name: SHANGHAI CLIVIA NEW MATERIAL CO., LTD.

Client Address: NO.1689 HUILIAN ROAD QINGPU DISTRICT SHANGHAI CITY

Sample Name: AC White Topcoat

Lot No.: 20230301159

The above sample(s) and information were provided by the client.

SGS Job No.: SP23-005912

Sample Receiving Date: Mar 07, 2023

Testing Period: Mar 07, 2023 ~ Mar 13, 2023

Test Requested: Select test(s) as requested by the client.

Test Method(s): Please refer to next page(s).

Test Result(s): Please refer to next page(s).

Test Requirement	Conclusion
COMMISSION IMPLEMENTING DECISION (EU) 2021/1992 on harmonised standards for toys drafted in support of Directive 2009/48/EC - EN71-3: 2019+A1:2021 - Migration of certain elements(Category II:for liquid or sticky toy material)	See Results

Signed for and on behalf of  
SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.



Jenny Lan  
Approved Signatory

scan to see the report



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Testing Center - Chemical Laboratory

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**Test Result(s):**

Test Part Description:

SN ID	Sample No.	SGS Sample ID	Description
SN1	A14	SHA23-0022962-0001.C014	White liquid

Remarks:

- (1) 1 mg/kg = 1 ppm = 0.0001%
- (2) MDL = Method Detection Limit
- (3) ND = Not Detected (< MDL)
- (4) “-“ = Not Regulated

**COMMISSION IMPLEMENTING DECISION (EU) 2021/1992 on harmonised standards for toys drafted in support of Directive 2009/48/EC - EN71-3: 2019+A1:2021 - Migration of certain elements(Category II:for liquid or sticky toy material)**

Test Method: With reference to EN 71-3:2019+A1:2021, analysis was performed by ICP-MS,GC-MS, IC-UV or LC-ICP-MS.

Test Item(s)	Limit	Unit(s)	MDL	A14
Soluble Lead(Pb)	0.5	mg/kg	0.25	ND
Soluble Antimony(Sb)	11.3	mg/kg	1.0	ND
Soluble Arsenic(As)	0.9	mg/kg	0.45	ND
Soluble Barium(Ba)	375	mg/kg	50	ND
Soluble Cadmium(Cd)	0.3	mg/kg	0.1	ND
Soluble Chromium(III)(CrIII)	9.4	mg/kg	1.0	ND
Soluble Chromium(VI)(Cr VI)	0.005	mg/kg	0.0025	ND
Soluble Mercury(Hg)	1.9	mg/kg	0.5	ND
Soluble Selenium(Se)	9.4	mg/kg	4.0	ND
Soluble Boron(B)	300	mg/kg	50	ND
Soluble Cobalt(Co)	2.6	mg/kg	0.5	ND
Soluble Manganese(Mn)	300	mg/kg	50	ND
Soluble Strontium(Sr)	1125	mg/kg	50	ND
Soluble Zinc(Zn)	938	mg/kg	50	ND
Soluble Copper(Cu)	156	mg/kg	50	ND
Soluble Aluminum(Al)	560	mg/kg	50	ND
Soluble Nickel(Ni)	18.8	mg/kg	9.0	ND
Soluble Tin(Sn)	3750	mg/kg	0.08	ND

**Notes:**

(1) According to the Commission Implementing Decision (EU) 2021/1992 of November 15, 2021, published in the OJEU. The EN 71-3:2019+A1:2021 is adopted as the harmonized standard for toys drafted in support of Directive 2009/48/EC.

(2) According to Chapter of 10.1.2 of EN 71-3:2019+A1:2021, Chromium (III) is calculated by the following formula:

$$\text{Soluble Chromium (III)} = \text{Soluble Total Chromium} - \text{Soluble Chromium (VI)}$$

Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule ( $w=0$ ) stated in ILAC-G8:09/2019.



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Sample Photo:



SGS authenticate the photo on original report only  
 \*\*\* End of Report \*\*\*



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