

Test Report

No.: CZXHL26000454201

Date: Mar 17, 2026

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Client Name: JF POLYMERS(SUZHOU) CO., LTD.

Client Address: NO. 7-1, XINGGANG EAST ROAD, CHANGSHU CITY, JIANGSU PROVINCE, CHINA

Sample Description: PANCHROMA™ PLA SILK ORANGE

Manufacturer: JF POLYMERS(SUZHOU) CO., LTD.

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

SGS No.: CZHL2603002677OT

Sample Receiving Date: Mar 11, 2026

Testing Period: Mar 11, 2026 ~ Mar 17, 2026

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

Testing Performed: Follow selected test(s) as requested by client.

	Test Requirement	Conclusion
1	Commission Implementing Decision (EU) 2025/2519 amending Implementing Decision (EU) 2023/740 on harmonised standards for toys drafted in support of Directive 2009/48/EC- EN 71-3: 2019+A2:2024 - Migration of certain elements (Category III:for scrapped-off toy material)	Pass

Signed for and behalf of
SGS-CSTC Standards Technical Services (Changzhou) Co., Ltd.
Test address: 6F, Building 30, Heimudan Science Park, Tianning District,
Changzhou, Jiangsu, China

Joy Huan

Joy Huan

Approved Signatory

Scan to see the report



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Verification:
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Test Result(s):

Test Part Description:

SN ID	Sample No.	SGS Sample ID	Description
SN1	A1	CZX26-0004542-0001.C001	Silk orange plastic

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) 2025/2519 amending Implementing Decision (EU) 2023/740 on harmonised standards for toys drafted in support of Directive 2009/48/EC- EN 71-3: 2019+A2:2024 - Migration of certain elements (Category III:for scrapped-off toy material)

Test Method: With reference to EN 71-3:2019+ A2:2024, analysis was performed by ICP-OES, IC-UV or LC-ICP-MS.

Test Item(s)	Limit	Unit(s)	MDL	A1
Mass of trace amount	-	mg	-	/
Soluble Lead(Pb)	23	mg/kg	5	ND
Soluble Antimony(Sb)	560	mg/kg	10	ND
Soluble Arsenic(As)	47	mg/kg	10	ND
Soluble Barium(Ba)	18750	mg/kg	50	ND
Soluble Cadmium(Cd)	17	mg/kg	5	ND
Soluble Chromium(III)(CrIII)	460	mg/kg	5	ND
Soluble Chromium(VI)(Cr VI)	0.053	mg/kg	0.025	ND
Soluble Mercury(Hg)	94	mg/kg	10	ND
Soluble Selenium(Se)	460	mg/kg	10	ND
Soluble Boron(B)	15000	mg/kg	50	ND
Soluble Cobalt(Co)	130	mg/kg	10	ND
Soluble Manganese(Mn)	15000	mg/kg	50	ND
Soluble Strontium(Sr)	56000	mg/kg	50	ND
Soluble Zinc(Zn)	46000	mg/kg	50	ND
Soluble Copper(Cu)	7700	mg/kg	50	ND
Soluble Aluminum(Al)	28130	mg/kg	50	ND
Soluble Nickel(Ni)	930	mg/kg	10	ND
Soluble Tin(Sn)	180000	mg/kg	3.0	ND
Soluble Organic Tin*	12	mg/kg	-	ND
Conclusion	Pass			

Notes:

(1) According to the Commission Implementing Decision (EU) 2025/2519 of 15 December 2025, published in the OJEU. The EN 71-3:2019+A2:2024 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+ A2:2024, Chromium (III) is calculated by the following formula:

Soluble Chromium (III) = Soluble Total Chromium - Soluble Chromium (VI)



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(3) *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 EN 71-3:2019+ A2:2024.

(4) /=Not Applicable.

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:



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*** End of Report ***



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