

GUANGDONG WONDER TESTING INTERNATIONAL CO., LTD.

TEST REPORT

Report No.: WDX080603EN
Applicant: NINGBO DIRECT EDUCATION
RESOURCES MANUFACTURING CO.,LTD
Address: Room 1509#, Titan Building, No.535 Tiantong
south road, Yinzhou district, NingBo
Date: Aug. 19, 2024



Traceability

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The following information was (were) submitted and identified by client:

Sample Name: Rubber Rolling Pins - Pattern Rubber Rolling Pins - Retro

Animal Pattern Rocker Stampers

Hemispherical Stampers

Sensory Dough Spheres

Easy Grip Pencil Sharpener Holders

Pencil Grippers - assorted colours

Paint and Dough Texture Rollers

Paint and Dough Animal Rockers

Paint and Dough Mushroom Stampers

Paint and Dough Textured Spheres

Number of Sample: 1set

Style of Sample:

AP/846/RRP RE/846/RRP WES/846/RRP

AP/2013/RRPR RE/2013/RRPR

AP/2090/APRS RE/2090/APRS

WES/2090/APRS

AP/2091/HS RE/2091/HS WES/2091/HS

AP/2416/SDS RE/2416/SDS AP/2094/EGPS RE/2094/EGPS AP/2116/PG

RE/2116/PG

CE/027/TR CE6665

CE/2090/APRS CE6681

CE/2091/HS CE6682

LE2416 CE10061

Sample Received Date: Aug. 14, 2024

Completed Date: Aug. 16, 2024

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

Test Requested and Conclusion(s):

No.	Test Sample(s)	Standard(s) and Requirement(s)	Conclusion(s)	Signed by
1	Tested materials of submitted samples	EN 71-3:2019+A1:2021 - Migration of certain elements (Category III)	PASS	Andy zhu

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Test Result(s):**EN 71-3:2019+A1:2021 - Migration of Certain Elements (Category III)**Method: General elements, with reference to EN 71-3:2019+A1:2021, analyzed by ICP-MS;

Chromium(VI), with reference to EN 71-3:2019+A1:2021, analyzed by LC-ICP-MS;

Organic tin, with reference to EN 71-3:2019+A1:2021, analyzed by GC-MS.

Test Element(s)	RL (mg/kg)	Limit(s) (mg/kg)	Result(s) (mg/kg)		
			1	2	3
Lead (Pb)	0.2	23	ND	ND	ND
Antimony (Sb)	2	560	ND	ND	ND
Arsenic (As)	0.5	47	ND	ND	ND
Barium (Ba)	50	18750	ND	ND	ND
Selenium (Se)	5	460	ND	ND	ND
Cadmium (Cd)	0.2	17	ND	ND	ND
Mercury (Hg)	1	94	ND	ND	ND
Chromium ^{#1}	0.2	--	ND	ND	ND
Chromium(III) ^{#1}	0.2	460	ND	ND	ND
Chromium(VI)	0.005	0.053	ND	ND	ND
Nickel (Ni)	10	930	ND	ND	ND
Tin (Sn)	0.2	180000	0.3	0.3	0.2
Organic tin ^{#2}	0.2	12	ND	ND	ND
Aluminum (Al) ^{#3}	50	28130	ND	ND	ND
Copper (Cu)	50	7700	ND	ND	ND
Cobalt (Co)	2	130	ND	ND	ND
Boron (B)	50	15000	ND	ND	ND
Manganese (Mn)	50	15000	ND	ND	ND
Strontium (Sr)	50	56000	ND	ND	ND
Zinc (Zn)	50	46000	ND	ND	ND
Conclusion(s)			PASS	PASS	PASS

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- Note:**
1. “#” = If the migration of total Chromium is below the maximum limit for Chromium (VI), it can be inferred that the material complies with the requirements for both Chromium(III) and Chromium(VI).
 2. “#1” = In particular Chromium (III) is calculated by subtracting the Chromium (VI) concentration from the total chromium concentration.
 3. “#2” = The migration of organic tin is expressed as tributyltin.
 4. “#3” = The migration limits for Aluminum have been amended by Commission Directive (EU) 2019/1922. The new limit values (2250 mg/kg, 560 mg/kg and 28130 mg/kg, respectively) apply from 2021-05-20. Before this date the limit values 5625 mg/kg, 1406 mg/kg and 70000 mg/kg, respectively, apply.

- Remark :**
1. mg/kg = milligram per kilogram(ppm).
 2. ND = Not Detected (< RL).
 3. RL = Report Limit.
 4. “--” = Not Regulated.
 5. As per client's request, only the appointed points and items have been tested.

Test Material List

Material No.	Description(s)	Location(s)
1	Orange plastic	Model toy
2	Red plastic	Model toy
3	Green plastic	Model toy

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Photo(s) of Sample(s):





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End of Report

Report Remark

1. The company guarantees the scientificity, impartiality and accuracy, is responsible for test data, and keeps confidential for the samples and technical data provided.
2. The information of the samples submitted for inspection is provided by applicant, and the company is not responsible for its authenticity or integrity.
3. The results shown in this report refer only to the sample(s) submitted.
4. This report is invalid without signature of approver, is invalid if not affixed with Authorized Stamp of Test and Paging Seal. The data/results in reports without an CMA stamp are not in the accredited scope of CMA cannot be as domestic social impartiality proof data. It can only used for research and development, teaching, internal quality control, and only for internal reference.
5. Any unauthorized reproduced in part, Any way of piracy, alteration forgery of this report is unlawful.
6. If there are any questions about the report, please contact us.
7. Any dispute of this report must be raised to the center within 10 workdays since the date of receipt, or it will not be accepted.
8. For samples with unstable performance, re-inspection will not be accepted.

CONTACT US

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