



# Test Report

Report No.:XNO250331228BX2-1

Date:Apr 03, 2025

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Applicant: DONGGUAN LNXWO DIGITAL TECHNOLOGY CO., Ltd

Address: Jinqiao Industrial Zone, No.1 Xingye third street, Tuqiao Village, Qingxi Town, Dongguan city, China

The following sample(s) and information were submitted and identified by the applicant

Sample Name: Sublimation ink  
XNO Report Number: XNO250331228BX2-1  
Model No.: Sublimation ink -CMYK  
Manufacturer: DONGGUAN LNXWO DIGITAL TECHNOLOGY CO., Ltd  
Manufacturer Address: Jinqiao Industrial Zone, No.1 Xingye third street, Tuqiao Village, Qingxi Town, Dongguan city, China  
Main Substance: Ceramic  
Sample Received Date: Mar 31, 2025  
Testing Period: Mar 31, 2025 to Apr 03, 2025  
Testing Requirements: Test as requested by client  
Test Method: Please refer to next page(s)  
Test Results: Please refer to next page(s)



Authorized signature

Kyle Kuang

Assistant manager

Approved Signatory

**Guangzhou Supreme Technology & Testing Service Co., Ltd.**

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## Summary of test results:

Test Requested	Conclusion
European Council Directive 84/500/EEC Article 2 and Commission Directive 2005/31/EC	
Leachable Lead, Cadmium, Cobalt, Aluminium and Arsenic	PASS
Lip and rim region: Leachable Lead, Cadmium, Cobalt, Arsenic, Aluminium	PASS
Sensorial Examination Odour And Taste Test	PASS

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## Test Result(s):

### Leachable Lead, Cadmium, Cobalt, Aluminium and Arsenic

Test Method: EN 1388-1:1995, analyzed by ICP-OES.

<u>Test item(s)</u>	<u>Simulant Used</u>	<u>Test Condition</u>	<u>Limit</u>	<u>Unit</u>	<u>Result</u>
					No.1
Leachable Lead	4% Acetic Acid	22℃, 24h	4.0	mg/L	<0.1
Leachable Cadmium	4% Acetic Acid	22℃, 24h	0.3	mg/L	<0.01
Leachable Cobalt	4% Acetic Acid	22℃, 24h	0.02	mg/kg	<0.01
Leachable Aluminium	4% Acetic Acid	22℃, 24h	1.0	mg/kg	<0.002
Leachable Arsenic	4% Acetic Acid	22℃, 24h	0.002	mg/kg	<0.01

### Lip and rim region: Leachable Lead, Cadmium, Cobalt, Arsenic, Aluminium

Test Method: EN 1388-1:1995, analyzed by ICP-OES.

<u>Test item(s)</u>	<u>Simulant Used</u>	<u>Test Condition</u>	<u>Limit</u>	<u>Unit</u>	<u>Result</u>
					No.1
Leachable Lead	4% Acetic Acid	22℃, 24h	2.0	mg/article	<0.1
Leachable Cadmium	4% Acetic Acid	22℃, 24h	0.2	mg/article	<0.01
Leachable Cobalt	4% Acetic Acid	22℃, 24h	0.05	mg/L	<0.01
Leachable Arsenic	4% Acetic Acid	22℃, 24h	0.002	mg/L	<0.002
Leachable Aluminium	4% Acetic Acid	22℃, 24h	0.02	mg/L	<0.01

- Remarks:
1. mg/article = milligram per article
  2. mg/kg = milligram per kilogram = ppm
  3. mg/L = Milligrams per liter
  4. °C = degree Celsius
  5. < = less than

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## Sensorial Examination Odour And Taste Test

Test Method: With reference to DIN10955:2024-01. No.of panelist: 6

<u>Test Item(s)</u>	<u>Limit</u>	<u>Result</u>
		Entirety
Test media	-	Distilled water
Test temperature	-	23°C
Test time	-	24hr(s)
Sensorial examination odour (Point scale)	2.5	0.0
Sensorial examination taste (Point scale)	2.5	0.0

Remarks: Intensity scale (rounded at 0.5):

- 0 - no perceptible difference
- 1 - just perceptible difference
- 2 - slight difference
- 3 - marked difference
- 4 - strong difference

**Note:** As specified by applicant, to test content in the selected materials of the submitted samples. Pic.1 to Pic.2 are the sample tested. The test results are only responsible for the submitted sample. The test report is only for customer research, teaching, internal quality control, product development and other purposes, for reference only.

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## Sample Description:

Specimen No.	Description	Material (claimed by the client)
1	Black + colored ceramic (cup)	Ceramic

## Sample Photo:



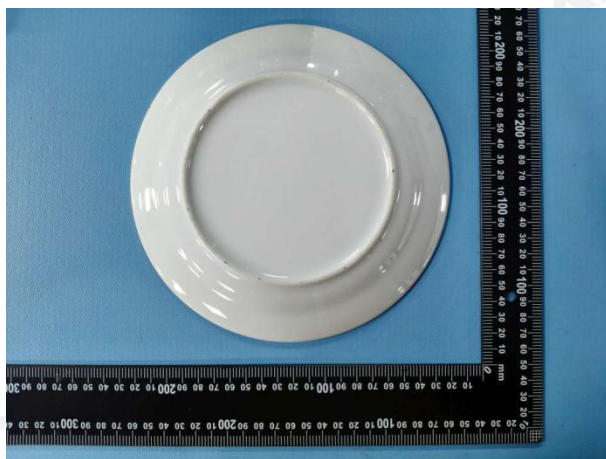
Pic.1



Pic.2



Pic.3



Pic.4

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Pic.5

\*\*\* End of Report \*\*\*

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