



中国认可
国际互认
检测
TESTING
CNAS L3068

Test Report

Report No.: CTT2007014103EN

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Applicant: GUANGZHOU XINHE PACKAGING TECHNOLOGY MANUFACTURING CO., LTD.

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Sample Received Date: Jul. 31, 2020

Completed Date: Aug. 10, 2020

Report Date: Aug. 11, 2020

The following merchandise was (were) submitted and identified on behalf of the applicant as:

Sample Name: paper packaging containers

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

Test Requested and Conclusion(s): Please refer to next page(s).

Organization: zoe.shang To examine: Tony Tony

Signed for and on Behalf of CTT:

Hilary He Lily

Hilary He/Lily Ke
Technical Manager



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Test Requested and Conclusion(s):

No.	Standard and Requirement	Conclusion(s)
1	GB 4806.8-2016 National food safety standard paper and board materials and products for food contact - Overall Migration - Sensory requirements - Specific migration of Formaldehyde - Fluorescent substances - Heavy metal elements - Heavy metal (express as Pb) - Potassium permanganate consumption	PASS
2	GB 4806.8-2016 National food safety standard paper and board materials and products for food contact - Coliform	PASS
3	GB 4806.8-2016 National food safety standard paper and board materials and products for food contact - Salmonella	PASS
4	GB 4806.8-2016 National food safety standard paper and board materials and products for food contact - Mould	PASS

Test Result(s):

Overall Migration - GB 4806.8-2016: National Food Safety Standard Food contact paper and paper board articles

Method: GB 31604.8-2016

Material No.	Test Condition	Reporting Limit (mg/dm ²)	Limit (mg/dm ²)	Result (mg/dm ²)	Conclusion
001	10% Ethanol(v/v) ,70°C ,2h	3	10	N.D.	PASS

- NOTE:**
1. mg/dm²= milligram per square decimeter.
 2. N.D. = Not Detected (Less than Reporting Limit).

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Test Result(s):

Sensory requirements - GB 4806.8-2016: National Food Safety Standard Food contact paper and paper board articles

Method: GB 4806.8-2016

Material No.	Requirement	Result	Conclusion
001	Color of outlook is normal, no foreign smell, no foreign matter.	Color of outlook is normal, no foreign smell, no foreign matter.	PASS
	Migration of solution should clear, no bad smell, no foreign smell	Migration of solution clear, no bad smell, no foreign smell	PASS

Specific migration of Formaldehyde - GB 4806.8-2016: National Food Safety Standard Food contact paper and paper board articles

Method: GB 31604.48-2016, analyzed by UV Spectrophotometer (UV) .

Material No.	Test Condition	Reporting Limit (mg/dm ²)	Limit (mg/dm ²)	Result (mg/dm ²)	Conclusion
001	Distilled water ,23℃ ,24h	1.0	1.0	N.D.	PASS

- NOTE:**
1. mg/dm²= milligram per square decimeter.
 2. N.D. = Not Detected (Less than Reporting Limit).

Fluorescent substances - GB 4806.8-2016: National Food Safety Standard Food contact paper and paper board articles

Method: GB 31604.47-2016

Material No.	Test Item	Requirement	Result	Conclusion
001	wavelength 254nm	Negative	Negative	PASS
001	wavelength 365nm	Negative	Negative	PASS

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Test Result(s):

Heavy metal elements - GB 4806.8-2016: National Food Safety Standard Food contact paper and paper board articles

Method: GB 31604.49-2016, analyzed by Inductively coupled plasma mass spectrometry (ICP-MS) .

Substances	Arsenic(As)	Lead(Pb)	Conclusion
CAS No.	7440-38-2	7439-92-1	
Reporting Limit (mg/kg)	1.0	1.0	
Limit (mg/kg)	1.0	3.0	
Material No.	Result (mg/kg)		
001	N.D.	N.D.	PASS

- NOTE:**
1. mg/kg = milligram per kilogram (ppm).
 2. N.D. = Not Detected (Less than Reporting Limit).

Heavy metal (express as Pb) - GB 4806.8-2016: National Food Safety Standard Food contact paper and paper board articles

Method: GB 31604.9-2016

Material No.	Test Item	Reporting Limit (mg/kg)	Limit (mg/kg)	Result (mg/kg)	Conclusion
001	Heavy metal (express as Pb)	1	1	N.D.	PASS

- NOTE:**
1. mg/kg = milligram per kilogram (ppm).
 2. N.D. = Not Detected (Less than Reporting Limit).
 3. Test condition: 4% Acetic acid(v/v), 60°C, 2 hours.

Potassium permanganate consumption - GB 4806.8-2016: National Food Safety Standard Food contact paper and paper board articles

Method: GB 31604.2-2016

Material No.	Test Item	Reporting Limit (mg/kg)	Limit (mg/kg)	Result (mg/kg)	Conclusion
001	Potassium permanganate consumption	1	40	2	PASS

- NOTE:**
1. mg/kg = milligram per kilogram (ppm).
 2. N.D. = Not Detected (Less than Reporting Limit).
 3. Test condition: distilled water, 60°C, 2 hours.

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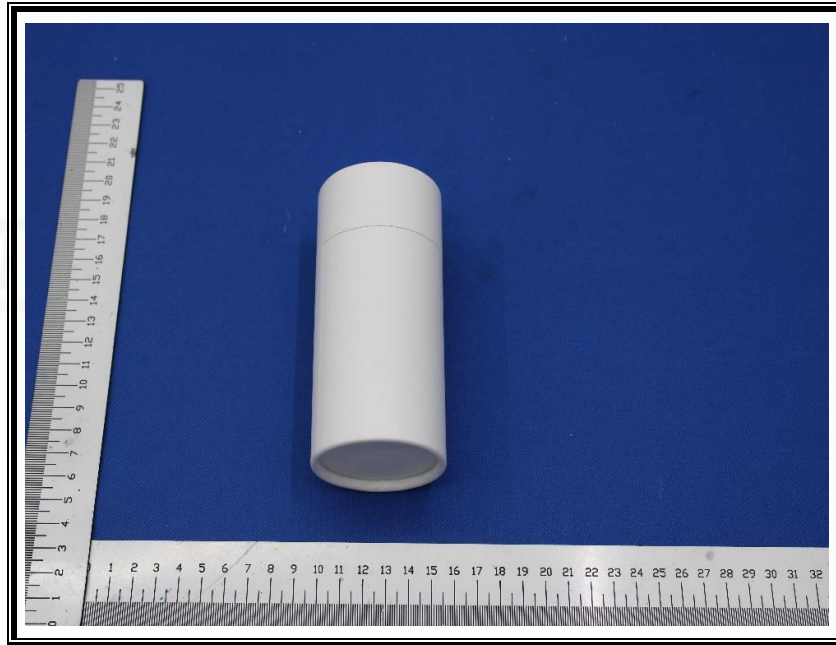
Test Result(s):

Test Item(s)	Test Method	Result(s)	Limit	Standard	Unit	Conclusion
		001				
Coliform	GB 14934-2016 Appendix B, clause B.1	Absent	Absent	GB 4806.8-2016	/50cm ²	PASS
Salmonella	GB 14934-2016 Appendix C ⁿ	Absent	Absent		/50cm ²	PASS
Mould	GB 4789.15-2016 The first method	<10	≤50		CFU/g	PASS

Test Material List

Material No.	Sample Description	Location
001	White paper	Composite paper cans (large)

Photo of Sample:



End of Report

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