

Test Report

Report No.: CTT2011031377EN

Date: Nov. 26, 2020

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Applicant: NINGBO FILINPACK CO., LTD

Address: DIJIANG VILLAGE, YUNLONG TOWN, YINZHOU DISTRICT, NINGBO CITY, ZHEJIANG PROVINCE, CHINA

Sample Received Date: Oct. 26, 2020

Completed Date: Nov. 09, 2020

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

Sample Name: 1. Brown paper boxes 2, white paper square boxes 3, brown paper packaging containers with transparent plastic film 4, white paper packaging containers with transparent plastic film

Model No.: 1. Brown paper boxes 2, white paper square boxes 3, brown paper packaging containers with transparent plastic film 4, white paper packaging containers with transparent plastic film

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

Signed for and on Behalf of CTT



Frank / Lab manager

Consumer Testing Technology Co., Ltd.

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Test Requested and Conclusion(s):

No.	Test Sample	Standard and Requirement	Conclusion(s)
1	Tested materials of submitted samples	COMMISSION REGULATION (EU)No.10/2011 on plastic materials and articles intended to come into contact with food. - Overall migration - Soluble heavy metal	PASS
2	Tested materials of submitted samples	COMMISSION REGULATION (EU)No.10/2011 on plastic materials and articles intended to come into contact with food and COMMISSION REGULATION (EU) 2018/213 on the use of Bisphenol A in varnishes and coatings intended to come into contact with food. - Specific migration of Bisphenol A (BPA)	PASS
3	Tested materials of submitted samples	REGULATION (EC) No 1935/2004 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL on materials and articles intended to come into contact with food. - Extractable Heavy Metals(Lead(Pb), Cadmium(Cd),Mercury(Hg)) - Pentachlorophenol(PCP)	PASS

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Test Result(s):

Overall migration

Method: EN1186-3:2002 (Total immersion)

Material No.	Test Condition	Limit (mg/dm ²)	Result(mg/dm ²)	Conclusion
3 ^R	10% Ethanol(v/v), 70°C, 2 hours	10	<3	PASS

- Note:**
1. mg/dm² = milligram per square decimetre of surface area of material or article.
 2. "3^R" = This test result(s) refers to CTT2010031407EN-3.

Soluble heavy metal

Method: With reference to BS EN13130-1:2004, was analyzed by Inductively Coupled Plasma Mass Spectrometer (ICP-MS).

Elements	Ba	Co	Cu	Fe	Li	Mn	Zn	Al	Ni	Conclusion
Limit (mg/kg)	1	0.05	5	48	0.6	0.6	5	1	0.02	
Material No.	Result (mg/kg)									Conclusion
3 ^R	<0.1	<0.05	<0.5	<1	<0.1	<0.05	<1	<0.1	<0.01	

- Note:**
1. mg/kg = milligrams of the constituents released per kilogram of foodstuff.
 2. Test condition: 3% Acetic acid(w/v) at 70°C for 2hours.
 3. "3^R" = This test result(s) refers to CTT2010031407EN-3.

Specific migration of Bisphenol A (BPA)

Method: With reference to CEN/TS 13130-13:2005, analyzed by Liquid Chromatography- Mass Spectrometry (LC-MS/MS).

Material No.	Test Condition	Limit(mg/kg)	Result(mg/kg)	Conclusion
3 ^R	3% Acetic acid(w/v),40°C for 24 hours	0.05	N.D.	PASS

- Note:**
1. mg/kg = milligrams of the constituents released per kilogram of foodstuff.
 2. N.D. = Not Detected (< RL).
 3. RL (Reporting Limit) = 0.01mg/kg.
 4. "3^R" = This test result(s) refers to CTT2010031407EN-3.

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Test Result(s):

Extractable Heavy Metals(Lead(Pb), Cadmium(Cd),Mercury(Hg))

Method:

Lead(Pb)/Cadmium(Cd): With reference to EN 12498:2005, was analyzed by Inductively Coupled Plasma Mass Spectrometer (ICP-MS).

Mercury(Hg): With reference to EN 12497:2005, was analyzed by Inductively Coupled Plasma Mass Spectrometer (ICP-MS).

Elements	Pb	Cd	Hg	Conclusion
Limit (mg/dm ²)	0.003	0.002	0.002	
Material No.	Result (mg/dm ²)			
1 ^R	<0.002	<0.002	<0.002	PASS
2 ^R	<0.002	<0.002	<0.002	PASS

- Note:**
1. mg/dm² = milligram per square decimetre of surface area of material or article.
 2. "1^R" = This test result(s) refers to CTT2010031407EN-1.
 3. "2^R" = This test result(s) refers to CTT2010031407EN-2.

Pentachlorophenol(PCP)

Method: With reference to EN ISO 15320:2011, analyzed by Gas Chromatograph-Mass Spectrometry (GC-MS).

Material No.	Limit (mg/kg)	Result (mg/kg)	Conclusion
1 ^R	0.15	N.D.	PASS
2 ^R	0.15	N.D.	PASS

- Note:**
1. mg/kg = milligram per kilogram (ppm).
 2. N.D. = Not Detected (< RL).
 3. RL (Reporting Limit) = 0.1mg/kg.
 4. "1^R" = This test result(s) refers to CTT2010031407EN-1.
 5. "2^R" = This test result(s) refers to CTT2010031407EN-2.

Test Material List

Material No.	Description	Location
1	White paper	Packaging box
2	Brown paper	Packaging box
3	Transparent plastic	PE film (smiling face packaging box inner)

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Photo of Sample:



End of Report

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