



中国认可
国际互认
检测
TESTING
CNAS L5772

Test Report



Report No.: PTC22121800602C-EN01

Issue Date: Dec. 28, 2022

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Applicant: Taizhou bingxin new material co. LTD.

Address: Lianxin Village, Daxi Town, Wenling City, Taizhou City, Zhejiang Province (formerly site No. 5, Industrial Zone, Shangdantou Village)

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

Sample Name: Classic WhiteChopping BoardSmall Classic WhiteChopping BoardMedium
Classic WhiteChopping BoardLarge

Style No.: 067090/067091/067092

Sample Received Date: Dec. 20, 2022

Completed Date: Dec. 28, 2022

Test Requested and Conclusion(s):

No.	Test Sample	Standard and Requirement	Conclusion(s)
1)	Submitted sample	According to Regulation EU 1935/2004/EC & EU 10/2011 & (EU) No.2018/213 & (EU) 2020/1245 - Overall migration - Specific Migration of Bisphenol A - Specific Migration of Heavy metals - Specific migration of Primary Aromatic Amine (PAA)	PASS

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



Prepared by: Anne

Checked by: May Chan

Approved by: Miya

Anne

May Chan

Miya

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Test Result(s):

1) According to Regulation EU 1935/2004/EC & EU 10/2011 & (EU) 2020/1245

1.1) Overall migration

Method: EN 1186-1:2002 & EN 1186-3:2002

Test condition: 40°C for 30min in 10% Ethanol.

Test Item(s)	Unit	Limit(s)	RL	Result(s)			Conclusion(s)
				1			
				The 1 st	The 2 nd	The 3 rd	
10% Ethanol	mg/dm ²	10	3	6.7	N.D.	N.D.	PASS

- Note:**
1. mg/dm² = milligram per square decimeter.
 2. N.D. = Not Detected (< RL).
 3. RL = Reporting Limit.
 4. Solvents & test condition were selected based on Client's request.
 5. According to point 3.3.2 in Annex V to (EU) No. 10/2011 amended by (EU) No. 2020/1245, the overall migration in the second test shall not exceed the level observed in the first test, and the overall migration in the third test shall not exceed the level observed in the second test. Compliance with the overall migration limit shall be verified on the basis of the level of the overall migration found in the third test.

1.2) Specific Migration of Bisphenol A

Method: EN 13130-1:2004

Test Condition: 40°C for 30min in 3% Acetic Acid

Material No.	Limit(mg/kg)	RL(mg/kg)	Result(mg/kg)			Conclusion(s)
			The 1 st	The 2 nd	The 3 rd	
1	0.05	0.01	N.D.	N.D.	N.D.	PASS

- Note:**
1. mg/kg = milligram per kilogram (ppm).
 2. N.D. = Not Detected (< RL).
 3. RL = Reporting Limit.
 4. Solvents & test condition were selected based on Client's request.
 5. According to point 2.1.6 in (EU) No. 10/2011 amended by (EU) No. 2020/1245, compliance of the material or article shall than be verified on the basis of the level of the migration found in the third test and on the basis of the stability of the material or article from the first to the third migration test.

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Test Result(s):

1.3) Specific Migration of heavy metals

Method: Refer to EN 13130-1:2004 (Total Immersion Method),analysis were performed by ICP-OES & UV-vis.

Test condition: 70°C for 2 hour in 3%Acetic Acid .

Test Item(s)	Unit	Limit(s)	RL	Result(s)		
				1		
				The 1 st	The 2 nd	The 3 rd
Barium(Ba)	mg/kg	1	0.01	N.D.	N.D.	N.D.
Cobalt(Co)	mg/kg	0.05	0.01	N.D.	N.D.	N.D.
Copper(Cu)	mg/kg	5	0.01	0.03	0.04	0.03
Iron(Fe)	mg/kg	48	0.01	0.10	0.09	0.03
Lithium(Li)	mg/kg	0.6	0.01	N.D.	N.D.	N.D.
Manganese(Mn)	mg/kg	0.6	0.01	N.D.	N.D.	N.D.
Zinc(Zn)	mg/kg	5	0.01	0.02	N.D.	N.D.
Aluminum (Al)	mg/kg	1	0.01	0.03	0.03	0.01
Nickel (Ni)	mg/kg	0.02	0.01	N.D.	N.D.	N.D.
Antimony(Sb)	mg/kg	0.04	0.01	N.D.	N.D.	N.D.
Arsenic(As)	mg/kg	N.D.	0.01	N.D.	N.D.	N.D.
Cadmium(Cd)	mg/kg	N.D.	0.002	N.D.	N.D.	N.D.
Chromium(Cr)	mg/kg	N.D.*	0.01	N.D.	N.D.	N.D.
Europium(Eu)	mg/kg	SUM:0.05	0.01	N.D.	N.D.	N.D.
Gadolinium(Gd)	mg/kg		0.01	N.D.	N.D.	N.D.
Lanthanum(La)	mg/kg		0.01	N.D.	N.D.	N.D.
Terbium(Tb)	mg/kg		0.01	N.D.	N.D.	N.D.
Lead(Pb)	mg/kg	N.D.	0.01	N.D.	N.D.	N.D.
Mercury(Hg)	mg/kg	N.D.	0.01	N.D.	N.D.	N.D.
Magnesium(Mg)	mg/kg	--	0.01	0.15	0.12	0.02
Potassium(K)	mg/kg	--	0.01	0.15	0.03	N.D.
Sodium(Na)	mg/kg	--	0.01	0.27	0.09	0.05
Calcium(Ca)	mg/kg	--	0.01	3.47	4.31	0.65
Conclusion				PASS		

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- Note:**
1. mg/kg = milligram per kilogram (ppm).
 2. N.D. = Not Detected (< RL).
 3. RL = Reporting Limit.
 4. *To verify compliance with the Regulation, the detection limit of 0,01 mg/kg shall apply for total chromium. However if the operator that placed the material on the market can prove on the basis of pre-existing documentary evidence that the presence of hexavalent chromium in the material is excluded because it is not used or formed or during the entire production process, a limit for the total chromium of 3,6 mg/kg food shall apply.
 5. Solvents & test condition were selected based on Client's request.
 6. According to point 2.1.6 in (EU) No. 10/2011 amended by (EU) No. 2020/1245 ,compliance of the material or article shall than be verified on the basis of the level of the migration found in the third test and on the basis of the stability of the material or article from the first to the third migration test.

Test Result(s):

1.4) Specific migration of Primary Aromatic Amine (PAA)

Method:EN 13130-1: 2004, analysis by HPLC-MS-MS.

Test condition: 40°C for 30min in 3% Acetic acid.

Number	Test Item(s)	RL (mg/kg)	Limit (mg/kg)	Result (mg/kg)		
				1		
				The 1 st	The 2 nd	The 3 rd
(1)	o-Toluidine	0.002	N.D.	N.D.	N.D.	N.D.
(2)	2-Methoxyaniline	0.002	N.D.	N.D.	N.D.	N.D.
(3)	p-Chloroaniline	0.002	N.D.	N.D.	N.D.	N.D.
(4)	p-Kresidine	0.002	N.D.	N.D.	N.D.	N.D.
(5)	2,4,5-Trimethylaniline	0.002	N.D.	N.D.	N.D.	N.D.
(6)	4-Chloro-o-Toluidine	0.002	N.D.	N.D.	N.D.	N.D.
(7)	2,4-Toluylenediamine	0.002	N.D.	N.D.	N.D.	N.D.
(8)	2,4-Diaminoanisole	0.002	N.D.	N.D.	N.D.	N.D.
(9)	2-Naphthylamine	0.002	N.D.	N.D.	N.D.	N.D.
(10)	2-Amino-4-nitrotoluene	0.002	N.D.	N.D.	N.D.	N.D.
(11)	4-Aminodiphenyl	0.002	N.D.	N.D.	N.D.	N.D.
(12)	p-Aminoazobenzene	0.002	N.D.	N.D.	N.D.	N.D.

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Number	Test Item(s)	RL (mg/kg)	Limit (mg/kg)	Result (mg/kg)		
				1		
				The 1 st	The 2 nd	The 3 rd
(13)	4,4'-Oxydianiline	0.002	N.D.	N.D.	N.D.	N.D.
(14)	Benzidine	0.002	N.D.	N.D.	N.D.	N.D.
(15)	4,4'-Diaminodiphenylmethane	0.002	N.D.	N.D.	N.D.	N.D.
(16)	o-Aminoazotoluene	0.002	N.D.	N.D.	N.D.	N.D.
(17)	3,3'-Dimethyl-4,4'-diaminodiphenylmethane	0.002	N.D.	N.D.	N.D.	N.D.
(18)	3,3'-Dimethylbenzidine	0.002	N.D.	N.D.	N.D.	N.D.
(19)	4,4'-Thiodianiline	0.002	N.D.	N.D.	N.D.	N.D.
(20)	3,3'-Dichlorobenzidine	0.002	N.D.	N.D.	N.D.	N.D.
(21)	4,4'-Methylene-bis-(2-chloraniline)	0.002	N.D.	N.D.	N.D.	N.D.
(22)	3,3'-Dimethoxybenzidine	0.002	N.D.	N.D.	N.D.	N.D.
(23)	1,3-Phenylenediamine	0.002	N.D.	N.D.	N.D.	N.D.
(24)	Other Primary Aromatic Amine	0.01	Sum≤0.01	N.D.	N.D.	N.D.
Conclusion				PASS		

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Test Material List

The following materials apply only to the samples submitted for chemical testing

Material No.	Description	Location
1	White PP	Body

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Photo(s) of Sample:



Photos provided by the customer:



End of Report

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