

Test Report

Number: SHAH01474219

Applicant: NINGBO TIANYI NATURAL HOUSE HOMEWARE
CO.,LIMITED
NO.361, YIHENG ROAD, CHANGHE TOWN
INDUSTRIAL ZONE,CIXI,NINGBO,ZHEJIANG
CHINA
Attn: CYNTHIA XU

Date: 14 Jul, 2022

Sample Description:

() groups/pieces of submitted sample said to be:

Sku name : A Chefs Cutting Board BISTRO 40*30 No Color & A Chefs Cutting Board BISTRO 29*22 No Color.
Sku number : 61015575&61015588.
Supplier item number : --
P.O.No. : --
Supplier : NINGBO TIANYI NATURAL HOUSE HOMEWARE CO.,LIMITED.
Buyer : AHLENS.
Country of origin : China.

To be continued

Authorized By:
Intertek Testing Services Ltd .Zhejiang, Ningbo Branch



Peter Chen
General Manager



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Materials tested (X):		Result of testing according to Axstores Chemical Restrictions	
		Pass	1.1 Fail
Wood and cork		X	
Coating		X	

Tests Conducted:

As requested by the applicant, for details refer to attached page(s).

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General Manager



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Conclusion:

<u>Tested Sample</u>	<u>Standard</u>	<u>Result</u>
Tested component of submitted sample	LFGB requirement – Pentachlorophenol (PCP) content	Pass
	Specific migration of formaldehyde on wooden product	Pass
	European Commission Regulation (EU) 2018/213 - Specific migration of Bisphenol A on varnishes and coatings intended to come into contact with food	Pass
	European Commission Regulation No. 10/2011 Annex I and II and Amendment No. 2020/1245 and Regulation 1935/2004 on specific migration of primary aromatic amines	Pass

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1 Pentachlorophenol (PCP) Content

By Gas Chromatography-Mass Spectrometry (GC-MS) analysis.

Tested component	Result (mg/kg)	Limit (mg/kg) (max.)
(1)	ND	0.15

Remark: ND=Not detected
Reporting limit = 0.10 mg/kg

Tested Sample(s)/ Component(s): See component list in the last section of this report.

Date Sample Received: 06 Jul, 2022

Testing Period: 06 Jul, 2022 To 07 Jul, 2022

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2 Specific Migration of Formaldehyde Test for Wood Food Contacting Materials/Articles

With reference to EN 13130-1 "Guide to test methods for the specific migration of substances from plastics to foods and food simulants and the determination of substances in plastics and the selection of conditions of exposure to food simulants" and EN 13130-23 "Determination of formaldehyde and hexamethylenetetramine in food simulants", by UV-Visible Spectrophotometer analysis.

I. Test Condition:

Temperature: 70 °C

Time: 2 hours

II. Test Result:

<u>Compound</u>	<u>CAS No.</u>	<u>Food simulant</u>	<u>Result (mg/kg)</u>	<u>Limit (mg/kg)</u>
			(1)	
Formaldehyde	50-00-0	3% (w/v) acetic acid	<3	15

Remark:

Tested Components: See component list in the last section of this report.

Date Sample Received: 06 Jul, 2022

Testing Period: 06 Jul, 2022 To 13 Jul, 2022

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3 Specific Migration of Bisphenol A for Varnishes and Coatings Intended to Come into Contact with Food

As per Commission Regulation (EU) 2018/213 on varnishes and coatings intended to come into contact with food, and followed by Liquid Chromatography-Mass Spectrometry (LC-MS) analysis.

I. Test Condition:

Aqueous food simulant:

Temperature: 70 °C

Time: 2 hours

II. Test Results:

Tested Component	Result in mg/kg
	3% (w/v) acetic acid
	3 rd
(1)	ND
Limit in mg/kg	0.05/ ND

Remark:

Report limit=0.01mg/kg

ND=Not detected (less than report limit)

Tested Components: See component list in the last section of this report.

Date Sample Received: 06 Jul, 2022

Testing Period: 06 Jul, 2022 To 13 Jul, 2022

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4 Specific Migration of Primary Aromatic Amines

With reference to Commission Regulation (EU) No. 10/2011 and its amendments, and JRC Technical Guidelines EUR 24815 EN 2011.

I. Test condition:

Food simulant: 3% (w/v) Acetic acid

Temperature: 70 °C Time: 2 hours

II. Test Result:

Test Component: (1)							
Test Item		CAS No.	Result (mg/kg)			Detection Limit (mg/kg)	Limit (mg/kg)
			1 st migration	2 nd migration	3 rd migration		
1	4-Aminodiphenyl	92-67-1	ND	ND	ND	0.002	ND
2	Benzidine	92-87-5	ND	ND	ND	0.002	ND
3	4-Chloro-o-Toluidine	95-69-2	ND	ND	ND	0.002	ND
4	2-Naphthylamine	91-59-8	ND	ND	ND	0.002	ND
5	o-Aminoazotoluene	97-56-3	ND	ND	ND	0.002	ND
6	2-Amino-4-Nitrotoluene	99-55-8	ND	ND	ND	0.002	ND
7	p-Chloroaniline	106-47-8	ND	ND	ND	0.002	ND
8	2,4-Diaminoanisole	615-05-4	ND	ND	ND	0.002	ND
9	4,4'-Diaminodiphenylmethane	101-77-9	ND	ND	ND	0.002	ND
10	3,3'-Dichlorobenzidine	91-94-1	ND	ND	ND	0.002	ND
11	3,3'-Dimethoxybenzidine	119-90-4	ND	ND	ND	0.002	ND
12	3,3'-Dimethylbenzidine	119-93-7	ND	ND	ND	0.002	ND
13	3,3'-Dimethyl-4,4'-diaminodiphenylmethane	838-88-0	ND	ND	ND	0.002	ND
14	p-Cresidine	120-71-8	ND	ND	ND	0.002	ND
15	4,4'-Methylene-Bis(2-Chloroaniline)	101-14-4	ND	ND	ND	0.002	ND
16	4,4'-Oxydianiline	101-80-4	ND	ND	ND	0.002	ND
17	4,4'-Thiodianiline	139-65-1	ND	ND	ND	0.002	ND
18	o-Toluidine	95-53-4	ND	ND	ND	0.002	ND
19	2,4-Toluylenediamine	95-80-7	ND	ND	ND	0.002	ND
20	2,4,5-Trimethylaniline	137-17-7	ND	ND	ND	0.002	ND
21	o-Anisidine	90-04-0	ND	ND	ND	0.002	ND
22	4-Aminoazobenzene	60-09-3	ND	ND	ND	0.002	ND
23	m-Phenylenediamine	108-45-2	ND	ND	ND	0.002	ND
24	Benzoguanamin	91-76-9	ND	ND	ND	0.05	5
25	4,4'-Methylenebis(3-chloro-2,6-diethylaniline	106246-33-7	ND	ND	ND	0.01	0.05
26	Total of other primary aromatic amine	-	ND	ND	ND	0.01	0.01

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Requirement:Result of 3rd migration < SML, andResult of 1st migration $\geq$ 2nd migration $\geq$ 3rd migration after consideration of result uncertainty.Result of 1st, 2nd and 3rd migration < SML when SML limit is Not Detected (ND)Ratio of food contact surface area to volume of component (1) used to establish the compliance of material or article = 1.20 dm² : 200 mL.

Remark: ND = Not detected (less than detection limit)

Other primary aromatic amines are p-Phenyldiamine, Aniline, 2,4-Xylidine, 2,6-Xylidine, 3-Methoxyaniline, 2,6- Toluene-diamine, 1,5-Diaminonaphthalene, 4-Ethoxyaniline, 3-Amino-4-methoxybenzanilide, 3-Amino-4-methylbenzamide, 2-Amino-5-methylbenzoic acid

Tested component(s) : See component list in last section of the report.

Date Sample Received: 06 Jul, 2022

Testing Period: 06 Jul, 2022 To 13 Jul, 2022

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Component:

- (1) Natural color wood with varnish printing.

End of report

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