

Test Report

NUMBER : TSNH00371731

Applicant : Xiamen Jeafer Foodservice Solutions Ltd.
4th Floor, No.2899 Chiping Rd., Tong'an Concentrated
Industrial Zone, Xiamen, China
Attn : Amy Xiao

Date : Mar 25, 2021

Photo



To be continued

Authorized By :
For Intertek Testing Services
(Tianjin) Ltd.

David Zhang
Senior Manager



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Sample Description:

Five (5) submitted samples said to be

- (A) Paper popcorn bucket
- (B) Paper chicken bucket
- (C) Paper bowl
- (D) Paper box
- (E) Paper cup and lid

Item Name : PAPER CHICKEN BUCKET, PAPER SOUP CUP, PAPER POPCORN BUCKET, PAPER SALAD BOWL, PAPER NOODLE BOX, PAPER LID

As per client's requirement, only sample (B) was tested.

Tests Conducted:

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

Conclusion:

<u>Tested Component</u>	<u>Standard</u>	<u>Result</u>
(1)	European Commission Regulation No. 10/2011, amendment No. 2020/1245 and other amendments and Regulation No. 1935/2004 - Overall migration	Pass
(1)	European Commission Regulation No. 10/2011 Annex II and Amendment No. 2016/1416 and No. 2017/752 and No. 2020/1245 and Regulation 1935/2004 on specific migration of heavy metal content	Pass
(1)	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. Overall Migration Test for Plastic Food Contacting Materials/Articles

As per Commission Regulation (EU) No. 10/2011 and its amendments on plastic materials and articles intended to come into contact with food.

I. Test Condition:

Aqueous food simulant	
Test No.	Time and Temperature
OM3	2 hours at 70 °C

II. Test Results:

Tested Component	Result in mg/dm ²
	10% (v/v) ethanol
1 st	
(1)	<1#
Limit in mg/dm ²	10

Remark:

As per client's request, the above condition and food simulant was used for the test.

= The result was divided by the first tested

Tested Component: (1) The internal plastic of sample (B)

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2. Specific Migration of Heavy Metal

As per Commission Regulation (EU) No. 10/2011 and its amendments

I. Test condition:

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

Temperature: 70 °C Time: 2 hours

II. Test result:

<u>Test Component: (1)</u>		<u>Result (mg/kg)</u>	<u>Reporting limit (mg/kg)</u>	<u>Limit (mg/kg)</u>
<u>Element</u>	<u>1st migration</u>			
Aluminum(Al)	ND	0.1	1	
Antimony(Sb)	ND	0.01	0.04	
Arsenic(As)	ND	0.01	ND	
Barium(Ba)	ND	0.1	1	
Cadmium(Cd)	ND	0.002	ND	
Chromium(Cr)	ND	0.01	ND	
Cobalt(Co)	ND	0.03	0.05	
Copper(Cu)	ND	1	5	
Iron(Fe)	ND	5	48	
Lead(Pb)	ND	0.01	ND	
Lithium(Li)	ND	0.1	0.6	
Manganese(Mn)	ND	0.1	0.6	
Mercury(Hg)	ND	0.01	ND	
Nickel(Ni)	ND	0.01	0.02	
Zinc(Zn)	ND	1	5	
Europium(Eu)	ND	0.01	0.05	
Gadolinium(Gd)	ND	0.01	0.05	
Lanthanum(La)	ND	0.01	0.05	
Terbium(Tb)	ND	0.01	0.05	
Sum of (Eu, Gd, La, Tb)	ND	0.04	0.05	

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

Tested Component: (1) The internal plastic of sample (B)

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3. 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.

4. Test condition:

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

Temperature: 70 °C

Time: 2 hours

5. Test Result:

Test Component: (1)		CAS No.	Result (mg/kg)	Reporting Limit (mg/kg)	Limit (mg/kg)
Test Item	1 st migration				
1	4-Aminodiphenyl	92-67-1	ND	0.002	ND
2	Benzidine	92-87-5	ND	0.002	ND
3	4-Chloro-o-Toluidine	95-69-2	ND	0.002	ND
4	2-Naphthylamine	91-59-8	ND	0.002	ND
5	o-Aminoazotoluene	97-56-3	ND	0.002	ND
6	2-Amino-4-Nitrotoluene	99-55-8	ND	0.002	ND
7	p-Chloroaniline	106-47-8	ND	0.002	ND
8	2,4-Diaminoanisole	615-05-4	ND	0.002	ND
9	4,4'-Diaminodiphenylmethane	101-77-9	ND	0.002	ND
10	3,3'-Dichlorobenzidine	91-94-1	ND	0.002	ND
11	3,3'-Dimethoxybenzidine	119-90-4	ND	0.002	ND
12	3,3'-Dimethylbenzidine	119-93-7	ND	0.002	ND
13	3,3'-Dimethyl-4,4'diaminodiphenylmethane	838-88-0	ND	0.002	ND
14	p-Cresidine	120-71-8	ND	0.002	ND
15	4,4'-Methylene-Bis(2-Chloroaniline)	101-14-4	ND	0.002	ND
16	4,4'-Oxydianiline	101-80-4	ND	0.002	ND
17	4,4'-Thiodianiline	139-65-1	ND	0.002	ND
18	o-Toluidine	95-53-4	ND	0.002	ND
19	2,4-Toluylenediamine	95-80-7	ND	0.002	ND
20	2,4,5-Trimethylaniline	137-17-7	ND	0.002	ND
21	o-Anisidine	90-04-0	ND	0.002	ND
22	4-Aminoazobenzene	60-09-3	ND	0.002	ND
23	m-Phenylenediamine	108-45-2	ND	0.002	ND
23	p-Phenylenediamine	106-50-3	ND	0.002	ND
24	Benzoguanamin	91-76-9	ND	0.05	5
25	4,4'-Methylenebis(3-chloro-2,6-diethylaniline)	106246-33-7	ND	0.01	0.05
26	Total of other primary aromatic amine	-	ND	0.01	0.01

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

Other primary aromatic amines are p-Phenylenediamine, 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: (1) The internal plastic of sample (B)

Date sample received: Mar 15, 2021

Testing period: Mar 15, 2021 To Mar 25, 2021

End of report

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