



TEST REPORT

Test information

Applicant	:	Ningbo Home-Dollar Imp.& Exp.Corp.
Address	:	69 Guangyuan Road, Jiangbei District, Ningbo,China.
Sample Description	:	SANDWICH CONTAINER.
PO#	:	6190.
Style #	:	415690.
Country of origin	:	China.
Export to	:	USA
Buyer	:	REGENT PRODUCTS CORP.
Receiving Date	:	May 23, 2022.
Test period	:	May 23, 2022.~May 26, 2022.
Test Requested	:	Tests requested in accordance to client requirement.

<u>TEST ITEMS</u>	<u>CONCLUSION</u>
Soluble fraction in Xylene – US FDA 21 CFR 177.1520	PASS
Extractable fraction in n-hexane – US FDA 21 CFR 177.1520	PASS
Density at 23°C– US FDA 21 CFR 177.1520	PASS
Melting point – US FDA 21 CFR 177.1520	PASS
Bis-phenol-A(BPA) content test - Client's requirement.	PASS

Signed for and on behalf of
RTS TEST CO., LTD. / Zhejiang



CHANGBIAO YU

Approved signatory

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Sample image:



**Test result:****A.*Soluble fraction in xylene – US FDA 21 CFR 177.1520:(Unit: w/w %)**

Test method: With reference to US FDA 21 CFR 177.1520.

Test Number	Item/ component description(s)	Material (claimed by the client)
A3	Red Sandwich Container	PP

Simulant Used	Time	Temp	Detection limit	Test result	Maximum Permissible Limit
Soluble fraction in xylene, w/w %	1h	25°C	0.5	3.39	9.8

Note:

- 1)N.D= Not detected, less than Detection limit.
- 2)%(w/w) = percentage of weight by weight.
- 3) Maximum permissible Limit is reference to 21 CFR 177.1520(c) 1.1a.

B.*Extractable fraction in n-hexane – US FDA 21 CFR 177.1520:(Unit: w/w %)

Test method: With reference to US FDA 21 CFR 177.1520.

Test Number	Item/ component description(s)	Material (claimed by the client)
A2	Green Sandwich Container	PP

Simulant Used	Time	Temp	Detection limit	Test result	Maximum permissible Limit
Extractable fraction in n-hexane at reflux temperature , w/w %	2h	reflux temperature	0.5	0.83	6.4

Note:

- 1)N.D= Not detected, less than Detection limit.
- 2)%(w/w) = percentage of weight by weight.
- 3) Maximum permissible Limit is reference to 21 CFR 177.1520(c) 1.1a.

**C.* Density at 23°C – US FDA 21 CFR 177.1520:(Unit: g/cm³)****Test method:** With reference to US FDA 21 CFR 177.1520 d(1).

Test Number	Item/ component description(s)	Material (claimed by the client)
A1	White Sandwich Container	PP
Test item(s)	Test result	Maximum permissible Limit
Density at 23°C, g/cm ³ Comment	A1 0.901	0.880-0.913

Note:

1) Maximum permissible Limit is reference to 21 CFR 177.1520(c) 1.1a.

D.*Melting point – US FDA 21 CFR 177.1520:(Unit: °C)**Test method:** With reference to US FDA 21 CFR 177.1520 d(2).

Test Number	Item/ component description(s)	Material (claimed by the client)
A1	White Sandwich Container	PP
Test item(s)	Test result	Maximum permissible Limit
Melting point, °C	A1 169.1	160-180

Note:

1) Maximum permissible Limit is reference to 21 CFR 177.1520(c) 1.1a.

E. *Bis-phenol-A(BPA) Content test: (Unit:mg/kg)**Test method:** With reference to EPA 3550C:2007, Analysis was performed by LC-MS.

Test Number	Item/ component description(s)				
A4	Blue Sandwich Container				
Test Items	Test number	MDL	Test Results	Client's limit	Conclusion
Bis-phenol-A(BPA) (CAS No.80-05-7)	A4	0.05	N.D.	0.1	PASS

Note:

1) 1mg/kg = 0.0001% = mass percent.

2) N.D. = Not detected, less than 0.1 mg/kg.

3) "▲" = This data is obtained from composite testing on more than one materials or shapes, it is possible that result obtained from individual testing on any one of the materials or shapes is substantially higher. Please be cautious when using this data for compliance evaluation.

----- End of Report -----

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