

XIAMEN LVSHENG PAPER & PLASTIC PRODUCTS CO., LTD.
UNIT 101, 102, 301, 302, NO.23 XIANGHONG ROAD, XIANG'AN INDUSTRIAL ZONE, TORCH HIGH-TECH ZONE, XIAMEN, China

Sample Description : PP LIDS
Manufacturer : XIAMEN LVSHENG PAPER & PLASTIC PRODUCTS CO., LTD.
Country of Origin : CHINA

As above test item and its relevant information regarding to the submission are provided and confirmed by the applicant. SGS is not liable to either the test item or its relevant information, in terms of the accuracy, suitability, reliability or/and integrity accordingly.

SGS Ref No. : CANHG2106373502
Sample Receiving Date : Apr 15, 2021
Test Performing Date : Apr 15, 2021 to Apr 25, 2021
Test Performed : Selected test(s) as requested by applicant
Test Result(s) : For further details, please refer to the following page(s)



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Test Requested

Conclusion

Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004, (EU) No 10/2011 and its amendment (EU) 2020/1245 Regulation– Overall migration	PASS
Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004–Sensorial examination odour and taste test	PASS
Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004,(EU) No 10/2011 and its amendment (EU) 2020/1245 Regulation –Specific Migration of Primary Aromatic Amine(total)	PASS
Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004, (EU) No 10/2011 and its amendment (EU) 2020/1245 Regulation –Specific Migration of Heavy Metal	PASS

Signed for and on behalf of
SGS-CSTC Standards Technical Services Co., Ltd. Xiamen Branch



Beck Hong
Authorized Signatory



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Test Results :

Test Part Description :

Specimen No.	SGS Sample ID	Description	Material (claimed by the client)
SN1	CAN21-063735.001	Translucent plastic lid	PP

Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004, (EU) No 10/2011 and its amendment (EU) 2020/1245 Regulation– Overall migration

Test Method : With reference to Commission Regulation (EU) No 10/2011 of 14 January 2011 Annex III and Annex V for selection of condition and EN 1186-1:2002 for selection of test methods; or EN 1186-3:2002 aqueous food simulants by total immersion method; or EN 1186-14:2002 substitute test.

<u>Simulant Used</u>	<u>Time</u>	<u>Temperature</u>	<u>Max. Permissible Limit</u>	<u>Result of 001 Overall Migration</u>	<u>Comment</u>
3% Acetic Acid (W/V) Aqueous Solution	2.0hr(s)	70°C	60mg/kg	<20mg/kg	PASS
10% Ethanol (V/V) Aqueous Solution	2.0hr(s)	70°C	60mg/kg	<20mg/kg	PASS
95% Ethanol	2.0hr(s)	60°C	60mg/kg	<20mg/kg	PASS
Isooctane	0.5hr(s)	40°C	60mg/kg	<20mg/kg	PASS

Notes :

1. mg/dm² = milligram per square decimeter
mg/kg = milligram per kilogram of foodstuff in contact with
2. °C = degree Celsius
3. Analytical tolerance of aqueous simulants is 2mg/dm² or 12mg/kg
4. Analytical tolerance of fatty food simulants is 3mg/dm² or 20mg/kg
5. Report the first migration result
6. Test sample was applied to container with capacity of 0.089 L.



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**Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004—
Sensorial
examination odour and taste test**

Test Method : With reference to DIN10955:2004,direct contact method.
No.of panelist:6

<u>Test Item(s)</u>	<u>Limit</u>	<u>001</u>
Test media	-	Distilled water
Test Temperature (°C)	-	70
Test time (hr)	-	2
Sensorial examination odour (Point scale)	2.5	0.0
Sensorial examination taste (Point scale)	2.5	0.0
Comment		PASS

Notes :

- Intensity scale (rounded at 0.5):
- 0 – no perceptible difference
- 1 – just perceptible difference
- 2 – slight difference
- 3 – marked difference
- 4 – strong difference

Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004,(EU) No 10/2011 and its amendment (EU) 2020/1245 Regulation –Specific Migration of Primary Aromatic Amine(total)

Test Method : With reference to EN 13130-1:2004 ,analysis was performed by UV-Vis.

Sample 001

Simulant Used : 3% Acetic Acid (W/V) Aqueous Solution
Test Condition : 70°C 2.0hr(s)

<u>Test Item(s)</u>	<u>Max. Permissible Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>Test result</u>
Migration times	-	-	-	1st
Area/Volume	-	dm ² /kg	-	21
Specific migration of primary aromatic amine	0.01	mg/kg	0.002	ND
Comment				PASS



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Notes :

1. mg/kg = milligram per kilogram of foodstuff in contact with
2. °C = degree Celsius
3. MDL=Method Detection Limit
4. ND = Not Detected(less than MDL)

Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004, (EU) No 10/2011 and its amendment (EU) 2020/1245 Regulation –Specific Migration of Heavy Metal

Test Method : With reference to EN13130-1:2004, analysis was performed by ICP-MS.

Sample 001

Simulant Used : 3% Acetic Acid (W/V) Aqueous Solution

Test Condition : 70°C 2.0hr(s)

Test Item(s)	Max. Permissible Limit	Unit	MDL	Test result
Migration times	-	-	-	1st
Area/Volume	-	dm ² /kg	-	21
Chromium (Cr)	ND	mg/kg	0.01	ND
Arsenic (As)	ND	mg/kg	0.01	ND
Cadmium (Cd)	ND	mg/kg	0.002	ND
Mercury (Hg)	ND	mg/kg	0.01	ND
Lead (Pb)	ND	mg/kg	0.01	ND
Lithium (Li)	0.6	mg/kg	0.1	ND
Aluminum (Al)	1	mg/kg	0.1	ND
Manganese (Mn)	0.6	mg/kg	0.1	ND
Iron (Fe)	48	mg/kg	5	ND
Cobalt (Co)	0.05	mg/kg	0.01	ND
Nickel (Ni)	0.02	mg/kg	0.01	ND
Copper (Cu)	5	mg/kg	0.25	ND
Zinc (Zn)	5	mg/kg	0.5	ND
Antimony (Sb)	0.04	mg/kg	0.01	ND
Barium (Ba)	1	mg/kg	0.25	ND
Lanthanum (La)	-	mg/kg	0.025	ND
Europium (Eu)	-	mg/kg	0.025	ND
Gadolinium (Gd)	-	mg/kg	0.025	ND



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Test Report

No.: XMHL2104002085CW

Date: Apr 25, 2021

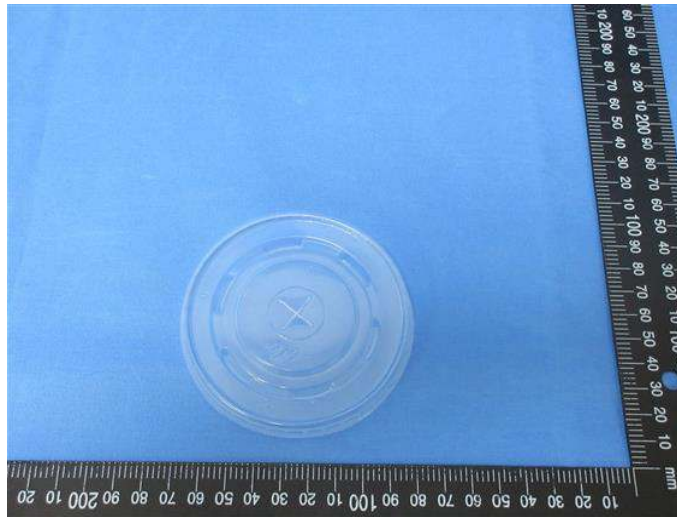
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Terbium (Tb)	-	mg/kg	0.025	ND
Lanthanum (La)+ Europium (Eu)+ Gadolinium (Gd)+ Terbium(Tb)	0.05	mg/kg	-	ND
Comment				PASS

Notes :

1. mg/kg = milligram per kilogram of foodstuff in contact with
2. °C = degree Celsius
3. MDL=Method Detection Limit
4. ND = Not Detected(less than MDL)

Sample photo(s):



CANHG2106373502

CAN21-063735.001



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Product photo provided by client

End of Report



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Test Report

No.: XMHL2104002081CW

Date: Apr 25, 2021

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XIAMEN LVSHENG PAPER & PLASTIC PRODUCTS CO., LTD.
UNIT 101, 102, 301, 302, NO.23 XIANGHONG ROAD, XIANG'AN INDUSTRIAL ZONE, TORCH HIGH-TECH ZONE, XIAMEN,China

Sample Description : PP LIDS
Manufacturer : XIAMEN LVSHENG PAPER & PLASTIC PRODUCTS CO., LTD.
Country of Origin : China

As above test item and its relevant information regarding to the submission are provided and confirmed by the applicant. SGS is not liable to either the test item or its relevant information, in terms of the accuracy, suitability, reliability or/and integrity accordingly.

SGS Ref No. : CANHG2106373501
Sample Receiving Date : Apr 15, 2021
Test Performing Date : Apr 15, 2021 to Apr 25, 2021
Test Performed : Selected test(s) as requested by applicant
Test Result(s) : For further details, please refer to the following page(s)

Test Requested	Conclusion
FDA 21 CFR 177.1520–Maximum extractable fraction in n-Hexane	PASS
FDA 21 CFR 177.1520–Maximum soluble fraction in xylene	PASS

Signed for and on behalf of
SGS-CSTC Standards Technical Services Co., Ltd. Xiamen Branch

Beck



Beck Hong
Authorized Signatory



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Test Results :

Test Part Description :

Specimen No.	SGS Sample ID	Description	Material (claimed by the client)
SN1	CAN21-063735.001	Translucent plastic lid	PP

FDA 21 CFR 177.1520–Maximum extractable fraction in n-Hexane

Test Method : With reference to US FDA 21 CFR 177.1520 d(3)(ii).

<u>Simulant Used</u>	<u>Time</u>	<u>Temperature</u>	<u>Max. Permissible Limit</u>	<u>Result of 001</u>	<u>Comment</u>
n-Hexane	2hr(s)	50°C	5.5%(w/w)	<0.5%(w/w)	PASS

Notes :

%w/w = percentage of weight by weight

FDA 21 CFR 177.1520–Maximum soluble fraction in xylene

Test Method : With reference to US FDA 21 CFR 177.1520 d(4)(ii).

<u>Test Item(s)</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>001</u>
Soluble fraction in Xylene	9.8	%(w/w)	0.5	2.1
Comment				PASS

Notes :

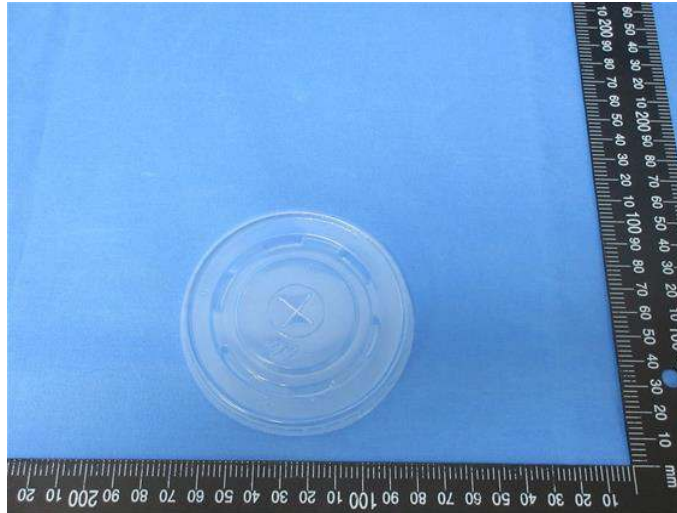
1.%w/w = percentage of weight by weight

2.ND= Not Detected(less than MDL)

Remark: This test was subcontracted to Guangzhou Branch, SGS-CSTC Co., Ltd.



Sample photo(s):



CANHG2106373501

CAN21-063735.001



Product photo provided by client

End of Report

