

TEST REPORT

NO.: A002T150507011-1R01A1

Date: May. 20, 2015

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Customer: HY INTERNATIONAL TRADE CO.,LIMITED

Address: No.5 District, SiJi Road, Beiyuan Street, YW, ZJ,China 322000

Report on the submitted sample said to be

Sample name: Plastic cups

Model: /

Item/Lot No.: B.no 05/15

Material: PP

Description: /

Buyer: DIPLAROS & DEMETRIOU LTD.,P.O.BOX 40605-CY6306 LARNACA-CYPRUS

Supplier: /

Manufacturer: HY INTERNATIONAL TRADE CO.,LIMITED

Country of Destination: CYPRUS

Sample received date: May. 07, 2015

Testing period: From May. 07, 2015 to May. 13, 2015

Testing Requested:

In accordance with German Food, Article of Daily Use and Feed Code of September 1,2005(LFGB) , Section 30&31, and BFR recommendation, to determine the submitted sample Commission regulation(EU) no. 10/2011 and 1282/2011,on plastic materials intended to come into contact with foodstuff.

Result:

Please refer to the next pages.

*****FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S)*****

Signed for and on behalf of

Shenzhen AOV Testing Technology Co., Ltd, Kunshan Branch

Project Leader by: Sandy
Xie Yun, Sandy
Project Leader

Reviewed by: Owen
Guo Fu, Owen
Laboratory Supervisor

Approved by: Maggie
Li Tingting, Maggie
Laboratory Manager

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Test result:

1. Sensorial Examination

Test method: Reference to EN 10955:2004

Test Item	Limit	Results	Conclusion
Sensorial Examination odor (Point scale)	<2.5	1.0	Pass
Sensorial Examination taste (Point scale)	<2.5	1.5	Pass

Note:

0=no discernible deviation

1=barely discernible deviation

2=weak deviation

3=clear deviation

4=strong deviation

2.Overall Migration

Test method:

EN 1186-1: 2002 -Guide to the selection of conditions and test methods for overall migration.

EN 1186-3: 2002 -Test methods for overall migration into aqueous food simulants by total immersion.

EN 1186-14: 2002-Test methods for substitute tests for overall migration from plastics intended to come into contact with fatty foodstuffs using test media iso-octane.

Parameter	Unit	Limit	Results	Conclusion
Water (70°C, 2h)	mg/dm ²	10	<2	Pass
-3% Acetic Acid(w/v) (70°C, 2h)	mg/dm ²	10	<2	Pass
-10% ethanol(v/v) (70°C, 2h)	mg/dm ²	10	<2	Pass
Isooctane (70°C, 2h)	mg/dm ²	10	<3	Pass

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3. Heavy metals migration

Test method: With reference to EN 13130-1:2004, analysis was performed by ICP-OES.

Test Item		Unit	Requirements	Results	Conclusion
Heavy metals migration (3% Acid Acetic(w/v), 70℃, 2h)	Ba	mg/dm ²	≤1	<0.1	Pass
	Co	mg/dm ²	≤0.05	<0.05	Pass
	Cu	mg/dm ²	≤5	<0.2	Pass
	Fe	mg/dm ²	≤48	<0.1	Pass
	Li	mg/dm ²	≤0.6	<0.2	Pass
	Mn	mg/dm ²	≤0.6	<0.2	Pass
	Zn	mg/dm ²	≤25	<0.1	Pass

4. Catalyst residue - Cr, Zr, V content

Test method: EPA3052:1996, analysis was performed by ICP-OES.

Test Item	Unit	Limit	Results	Conclusion
Cr	mg/kg	50	<2	Pass
V	mg/kg	20	<2	Pass
Zr	mg/kg	100	<2	Pass

Note:

- The test report A002T150507011-1R01A1 supersedes the test report A002T150507011-1R01 which is withdrawn.
- Photo is included

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Photograph of Sample



Plastic cups

End of Report