

# TEST REPORT

NO.: A002T150507011-2R01A1

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 Lids

**Model:** /

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

**Material:** PET

**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*

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Laboratory Supervisor

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*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  | 1.5     | Pass       |
| Sensorial Examination taste (Point scale) | <2.5  | 1.0     | 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<br>(70°C, 2h)                | mg/dm <sup>2</sup> | 10    | <2      | Pass       |
| -3% Acetic Acid(w/v)<br>(70°C, 2h) | mg/dm <sup>2</sup> | 10    | <2      | Pass       |
| -10% ethanol(v/v)<br>(70°C, 2h)    | mg/dm <sup>2</sup> | 10    | <2      | Pass       |
| Isooctane<br>(70°C, 2h)            | mg/dm <sup>2</sup> | 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<br>(3% Acid Acetic(w/v),<br>70°C, 2h) | Ba   | mg/dm <sup>2</sup> | ≤1      | <0.1       | Pass |
|  | Co   | mg/dm <sup>2</sup> | ≤0.05   | <0.05      | Pass |
|  | Cu   | mg/dm <sup>2</sup> | ≤5      | <0.2       | Pass |
|  | Fe   | mg/dm <sup>2</sup> | ≤48     | <0.1       | Pass |
|  | Li   | mg/dm <sup>2</sup> | ≤0.6    | <0.2       | Pass |
|  | Mn   | mg/dm <sup>2</sup> | ≤0.6    | <0.2       | Pass |
|  | Zn   | mg/dm <sup>2</sup> | ≤25     | <0.1       | Pass |

### 4.Peroxide value

**Test Method:** European pharmacopoeia 2005 Appendix XF.Peroxide Value method A

| Test Item      | Maximum Limit | Results | Conclusion |
|----------------|---------------|---------|------------|
| Peroxide value | Absent        | Absent  | Pass       |

### 5. Lead , Zinc

| Item      | Unit  | MQL | Limit | Results | Conclusion |
|-----------|-------|-----|-------|---------|------------|
| Lead      | mg/kg | 2   | 40    | N.D.    | Pass       |
| Zinc (Zn) | mg/kg | 2   | 80    | 9       | Pass       |

#### Note:

- The test report A002T150507011-2R01A1 supersedes the test report A002T150507011-2R01 which is withdrawn.
- Photo is included



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## Photograph of Sample



Plastic Lids

\*\*\*End of Report\*\*\*