

## Test Report

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LEALEA ENTERPRISE CO., LTD.  
NO. 38, GONGYE RD., FANGYUAN IND. PARK, CHANGHUA, TAIWAN, R. O. C.



**The following sample(s) was/were submitted and identified by/on behalf of the client as :**

Sample Description : LIBOLON POLYESTER CHIP BOTTLE GRADE  
Sample Material : POLYESTER (PET)  
Sample Receiving Date : 2010/12/07  
Testing Period : 2010/12/07 TO 2010/12/10

=====  
**Test Requested** : As specified by client, selected parts of the submitted sample(s) according to Sanitation Standard for Food Utensils, Containers and Packages (DOH Food No. 0991303265 was amended on 2010/11/22) were testing with the following items:  
(1) Material test : Lead 、 Cadmium.  
(2) Migration test : Antimony 、 Germanium 、 Potassium permanganate consumption 、 Evaporation residue 、 Heavy metal (as Pb).

**Test Result(s)** : Please refer to next page(s).

**Conclusion** : Based upon the performed tests on submitted samples, the test results comply with the limits of Requirements of Sanitation Standard for Food Utensils, Containers and Packages (DOH Food No. 0991303265 Amended and Appended, 2010/11/22).

  
  
James Lu / Supervisor  
Signed for and on behalf of  
SGS TAIWAN LTD.  
Chemical Laboratory – Taipei

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### Test Result(s)

PART NAME No.1 : GRAYISH WHITE PLASTIC CHIP

PASS

Test Item (s)	Unit	Method	MDL	Result	Limit
				No.1	
Lead (Pb)	mg/kg	With reference to Sanitation Standard for Food Utensils, Containers and Packages-Polyethylene terephthalate (PET) (DOH Food No. 0939311138 Amended and Appended, May 2004). Analysis was performance by ICP-AES.	1	n.d.	100
Cadmium (Cd)	mg/kg		0.1	n.d.	100
Antimony (Sb)-(4% acetic acid, 95°C, 30 min)	mg/L		0.02	n.d.	0.05
Germanium (Ge)-(4% acetic acid, 95°C, 30 min)	mg/L		0.02	n.d.	0.1
Potassium permanganate consumption-(water, 95°C, 30 min)	mg/L	With reference to Sanitation Standard for Food Utensils, Containers and Packages-Polyethylene terephthalate (PET) (DOH Food No. 0939311138 Amended and Appended, May 2004).	1	2.2	10
Evaporation residue-(water, 95°C, 30 min)	mg/L		1	13.0	30
Heavy metal (as Pb)-(4% acetic acid, 95°C, 30 min)	mg/L		1	n.d.	1
Evaporation residue-(4% acetic acid, 95°C, 30 min)	mg/L		1	11.0	30
Evaporation residue-(n-Heptane, 25°C, 1 hour)	mg/L		1	6.0	30
Evaporation residue-(20% alcohol, 60°C, 30 min)	mg/L		1	5.0	30

### Note :

- 0.1wt% = 1000ppm ; mg/kg = ppm ; mg/L = ppm ; µg/ml = ppm
- MDL = Method Detection Limit
- n.d. = Not Detected

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\*\* End of Report \*\*

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