

## Test Report

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SIN FONG JION CO., LTD.

NO. 6-1, LN. 109, CHANGXING 1ST ST., DALI CITY, TAICHUNG CITY 412, TAIWAN



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


Sample Submitted By : SIN FONG JION CO., LTD.  
Sample Description : ONE WAY DEGASSING VALVE  
Sample Material : PE  
Country of Origin : TAIWAN  
Sample Receiving Date : 2013/11/07  
Testing Period : 2013/11/07 TO 2013/11/18

Test Requested : (1) As specified by client, with reference to Article 6 of Sanitation Standard for Food Utensils, Containers and Packages (MOHW Food No. 1021350146 was amended on 2013/08/20) to test following items:  
(1.1) Material test : Lead 、 Cadmium.  
Migration test : Heavy metal (as Pb) 、 Evaporation residue 、 DEHP (Di-(2-ethylhexyl) phthalate) 、 DBP (Di-n-butyl phthalate).  
(1.2) Migration test : DINP (Diisononyl phthalate) 、 DIDP (Diisodecyl phthalate) 、 BBP (Butylbenzyl phthalate) 、 DNOP (Di-n-octyl phthalate) 、 DEHA (Di-2-ethylhexyl Adipate) (DOA).

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

Conclusion : (1.1) Based upon the performed tests on submitted samples, the test results comply with the limits of requirements in Article 6 of Sanitation Standard for Food Utensils, Containers and Packages (MOHW Food No. 1021350146 was amended on 2013/08/20).

\* This testing report is based on the testing result of the testing service request from our client and the final legal judgment on the product has to be made by the Ministry of Health and Welfare (MOHW) under Executive Yuan. \*

  
James Lu, Sr. Supervisor  
Signed for and on behalf of  
SGS TAIWAN LTD.  
Chemical Laboratory - Taipei

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## Test Result(s)

PART NAME No.1 : TRANSPARENT PLASTIC

(1.1)

PASS

Test Item (s)	Unit	Method	MDL	Result	Limit
				No.1	
Lead (Pb)	ppm	With reference to Sanitation Standard for Food Utensils, Containers and Packages-Plastics (DOH Food No. 1001902289 Amended and Appended, July 2011). Analysis was performance by ICP-AES.	5	n.d.	100
Cadmium (Cd)	ppm		0.5	n.d.	100
Heavy metal (as Pb)-(4% acetic acid, 60°C, 30 min)	ppm	With reference to Sanitation Standard for Food Utensils, Containers and Packages-Plastics (DOH Food No. 1001902289 Amended and Appended, July 2011).	1	Negative	1
Evaporation residue-(n-Heptane, 25°C, 1 hour)	ppm	With reference to Sanitation Standard for Food Utensils, Containers and Packages-Polyethylene(PE) (MOHW Food No. 1021950329 announced, September 6, 2013).	10	n.d.	150
Evaporation residue-(20% alcohol, 60°C, 30 min)	ppm		10	n.d.	30
DEHP (Di-(2-ethylhexyl) phthalate) (CAS No.: 117-81-7) (n-Heptane, 25°C, 1 hour)	ppm	With reference to Sanitation Standard for Food Utensils, Containers and Packages-Plastics (DOH Food No. 1001902289). Analysis was performed by GC/MS.	0.05	n.d.	1.5
DBP (Di-n-butyl phthalate) (CAS No.: 84-74-2) (n-Heptane, 25°C, 1 hour)	ppm		0.05	n.d.	0.3

(1.2)

Test Item (s)	Unit	Method	MDL	Result	Limit
				No.1	
DINP (Diisononyl phthalate) (CAS No.: 28553-12-0; 68515-48-0) (n-Heptane, 25°C, 1 hour)	ppm	With reference to Sanitation Standard for Food Utensils, Containers and Packages-Plastics (DOH Food No. 1001902289). Analysis was performed by GC/MS.	0.5	n.d.	9
DIDP (Diisodecyl phthalate) (CAS No.: 26761-40-0; 68515-49-1) (n-Heptane, 25°C, 1 hour)	ppm		0.5	n.d.	9

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(1.2)

Test Item (s)	Unit	Method	MDL	Result	Limit
				No.1	
BBP (Butylbenzyl phthalate) (CAS No.: 85-68-7) (n-Heptane, 25°C, 1 hour)	ppm	With reference to Sanitation Standard for Food Utensils, Containers and Packages- Plastics (DOH Food No. 1001902289). Analysis was performed by GC/MS.	0.05	n.d.	30
DEHA (Di-2-ethylhexyl Adipate) (DOA) (CAS No.: 103-23-1) (n- Heptane, 25°C, 1 hour)	ppm		0.05	n.d.	18
DNOP (Di-n-octyl phthalate) (CAS No.: 117-84-0) (n-Heptane, 25°C, 1 hour)	ppm		0.05	n.d.	-

**Note :**

- 0.1wt% = 1000ppm ; mg/kg = ppm
- MDL = Method Detection Limit
- n.d. = Not Detected
- " - " = Not Regulated
- Negative = Undetectable / Positive = Detectable

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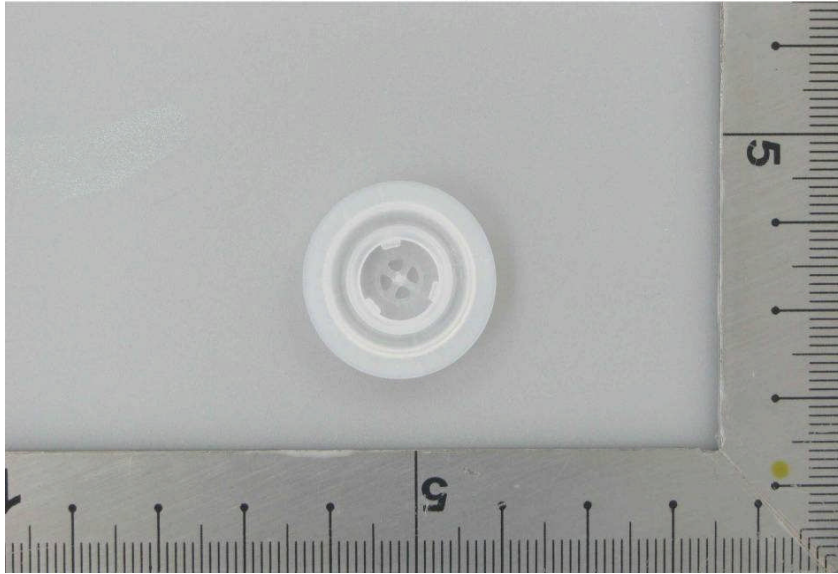
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\* The tested sample / part is marked by an arrow if it's shown on the photo. \*

### CY/2013/B0462



\*\* End of Report \*\*

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