

Test Report

No.: CY/2012/11440 Date : 2012/02/10 Page : 1 of 4

FU DENG PLASTIC CO., LTD.



NO. 8, TAIYI 10TH ST., TUKU VILLAGE, RENDE TOWNSHIP, TAINAN COUNTY 71747, TAIWAN, R.O.C.

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

Product Description : COLLAPSIBLE WATER CONTAINER
 Sample Material : LDPE
 Manufacturer/Vendor : FU DENG PLASTIC CO., LTD.
 Country of Origin : TAIWAN
 Sample Receiving Date : 2012/01/30
 Testing Period : 2012/01/30 TO 2012/02/10

Test Requested : Testing as per Commission Regulation (EU) No 10/2011 of 14 January 2011 and hence Article 3 of European Regulation No. 1935/2004.

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

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

Summary

(1)	Plastic - Phthalates content : BBP, DBP, DEHP, DIDP and DINP.	PASS
(2)	Plastic - "10% ethanol, 3% Acetic Acid (W/V) Aqueous Solution, Rectified Olive Oil" Overall migration	PASS

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

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. This test report cannot be reproduced, except in full, without prior written permission of the Company. 除非另有說明，此報告結果僅對測試之樣品負責。本報告未經本公司書面許可，不可部分複製。
 This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/en/Terms-and-Conditions/Terms-e-Document. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Test Report

No.: CY/2012/11440 Date : 2012/02/10 Page : 2 of 4

FU DENG PLASTIC CO., LTD.



NO. 8, TAIYI 10TH ST., TUKU VILLAGE, RENDE TOWNSHIP, TAINAN COUNTY 71747, TAIWAN, R.O.C.

Test Result(s)

PART NAME No.1 : TRANSPARENT-WHITE PLASTIC

(1) Plastic - Phthalates content					PASS
Test Item (s)	Unit	Method	MDL	Result	Limit
				No.1	
BBP (Benzyl butyl phthalate) (CAS No.: 85-68-7)	%	With reference to EN 14372. Analysis was performed by GC/MS.	0.003	n.d.	0.1
DEHP (Di- (2-ethylhexyl) phthalate) (CAS No.: 117-81-7)	%	With reference to EN 14372. Analysis was performed by GC/MS.	0.003	n.d.	0.1
DIDP (Di-isodecyl phthalate) (CAS No.: 26761-40-0)	%	With reference to EN 14372. Analysis was performed by GC/MS.	0.01	n.d.	0.1
DINP (Di-isononyl phthalate) (CAS No.: 28553-12-0)	%	With reference to EN 14372. Analysis was performed by GC/MS.	0.01	n.d.	0.1
DBP (Dibutyl phthalate) (CAS No.: 84-74-2)	%	With reference to EN 14372. Analysis was performed by GC/MS.	0.003	n.d.	0.05

Test Item (s)	Unit	Method	MDL	Result	Limit
				No.1	
DNOP (Di-n-octyl phthalate) (CAS No.: 117-84-0)	%	With reference to EN 14372. Analysis was performed by GC/MS.	0.003	n.d.	-

(2) Plastic - "10% ethanol, 3% Acetic Acid (W/V) Aqueous Solution, Rectified Olive Oil" Overall migration					PASS
Simulant Used	Unit	Method	MDL	Result	Limit
				No.1	
10% Ethanol (V/V) Aqueous Solution	mg/dm ²	With reference to Commission Regulation (EU) No 10/2011 of 14 January 2011 Annex III and Annex V for selection of condition and EN1186-1:2002 for selection of test method.	3.0	n.d.	10
3% Acetic Acid (W/V) Aqueous Solution	mg/dm ²	With reference to Commission Regulation (EU) No 10/2011 of 14 January 2011 Annex III and Annex V for selection of condition and EN1186-1:2002 for selection of test method.	3.0	n.d.	10
Rectified Olive Oil	mg/dm ²	With reference to Commission Regulation (EU) No 10/2011 of 14 January 2011 Annex III and Annex V for selection of condition and EN1186-1:2002 for selection of test method.	3.0	6.4	10

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. This test report cannot be reproduced, except in full, without prior written permission of the Company. 除非另有說明，此報告結果僅對測試之樣品負責。本報告未經本公司書面許可，不可部分複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Test Report

No.: CY/2012/11440 Date : 2012/02/10 Page : 3 of 4

FU DENG PLASTIC CO., LTD.



NO. 8, TAIYI 10TH ST., TUKU VILLAGE, RENDE TOWNSHIP, TAINAN COUNTY 71747, TAIWAN, R.O.C.

Remark:

- A. Test condition & simulant were specified by client: 40°C, 10Days
- B. Analytical tolerance of aqueous simulants is 1 mg/dm².
- C. Analytical tolerance of fatty food simulants is 3 mg/dm².

Note:

- 1. % = percentage of weight by weight
- 2. mg/dm²= milligram per square decimeter
- 3. °C = degree Celsius
- 4. n.d. = Not Detected
- 5. MDL = Method Detection Limit
- 6. Test condition & simulant were specified by client.
- 7. The test data is obtained by considering the articles intended for repeated use as per described in Commission Regulation (EU) No 10/2011 of 14 January 2011 Annex V.
- 8. Limit is according to Commission Regulation (EU) No 10/2011 of 14 January 2011.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. This test report cannot be reproduced, except in full, without prior written permission of the Company. 除非另有說明，此報告結果僅對測試之樣品負責。本報告未經本公司書面許可，不可部分複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/en/Terms-and-Conditions/Terms-e-Document. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Test Report

No.: CY/2012/11440 Date : 2012/02/10 Page : 4 of 4

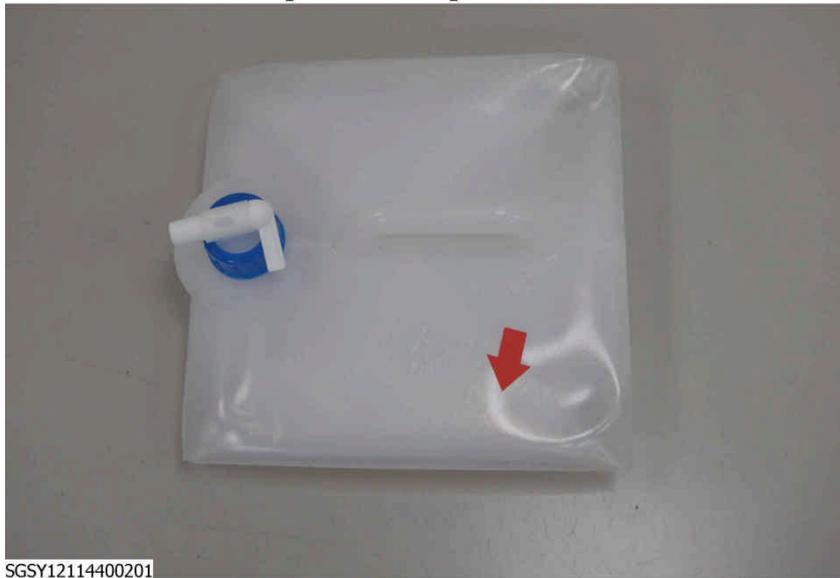
FU DENG PLASTIC CO., LTD.



NO. 8, TAIYI 10TH ST., TUKU VILLAGE, RENDE TOWNSHIP, TAINAN COUNTY 71747, TAIWAN, R.O.C.

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

CY/2012/11440



SGSY12114400201

** End of Report **

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. This test report cannot be reproduced, except in full, without prior written permission of the Company. 除非另有說明，此報告結果僅對測試之樣品負責。本報告未經本公司書面許可，不可部分複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/en/Terms-and-Conditions/Terms-e-Document. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.