

Test Report

No. : CY/2012/C1666 Date : 2013/01/04 Page : 1 of 4

毅晉塑膠企業有限公司
臺中市烏日區五光路69號



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

Sample Description : 酒瓶內塞
Sample Material : POLYOLEFINE
Sample Receiving Date : 2012/12/24
Testing Period : 2012/12/24 TO 2013/01/04

=====

Test Requested : (1) As specified by client, with reference to Article 5 of Sanitation Standard for Food Utensils, Containers and Packages (DOH Food No. 1011302926 was amended on 2012/09/21) to test following items:

(1.1) Migration test : DEHP (Di-(2-ethylhexyl) phthalate) 、 DBP (Di-n-butyl phthalate).

(1.2) Migration test : BBP (Butylbenzyl phthalate) 、 DNOP (Di-n-octyl phthalate) 、 DMP (Dimethyl phthalate) 、 DEP (Diethyl phthalate) 、 DIBP (Di-isobutyl phthalate) 、 DCHP (Di-cyclohexyl phthalate) 、 DMEP (Bis (2-methoxyethyl) phthalate) 、 DBEP (bis(2-n-Butoxyethyl) phthalate) 、 DEEP (bis(2-Ethoxyethyl) phthalate) 、 BMPP (bis(4-Methyl-2-pentyl) phthalate) 、 DPhP (Diphenyl phthalate) 、 DNPP (Di-n-pentyl phthalate) 、 DNHP (Di-n-hexyl phthalate) 、 DNP (Dinonyl phthalate).

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 5 of Sanitation Standard for Food Utensils, Containers and Packages (DOH Food No. 1011302926 was amended on 2012/09/21).


 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-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/C1666 Date : 2013/01/04 Page : 2 of 4

毅晉塑膠企業有限公司
臺中市烏日區五光路69號



Test Result(s)

PART NAME No.1 : BROWN LUMP

(1.1)

PASS

Test Item (s)	Unit	Method	MDL	Result	Limit
				No.1	
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	
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
DNOP (Di-n-octyl phthalate) (CAS No.: 117-84-0) (n-Heptane, 25°C, 1 hour)	ppm		0.05	n.d.	-
DMP (Dimethyl phthalate) (CAS No.: 131-11-3) (n-Heptane, 25°C, 1 hour)	ppm		0.05	n.d.	-
DEP (Diethyl phthalate) (CAS No.: 84-66-2) (n-Heptane, 25°C, 1 hour)	ppm		0.05	n.d.	-
DIBP (Di-isobutyl phthalate) (CAS No.: 84-69-5) (n-Heptane, 25°C, 1 hour)	ppm		0.05	n.d.	-
DCHP (Di-cyclohexyl phthalate) (CAS No.: 84-61-7) (n-Heptane, 25°C, 1 hour)	ppm		0.05	n.d.	-
DMEP (Bis (2-methoxyethyl) phthalate) (CAS No.: 117-82-8) (n-Heptane, 25°C, 1 hour)	ppm		0.05	n.d.	-
DBEP (bis(2-n-Butoxyethyl) phthalate) (CAS No.: 117-83-9) (n-Heptane, 25°C, 1 hour)	ppm		0.05	n.d.	-

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/C1666 Date : 2013/01/04 Page : 3 of 4

毅晉塑膠企業有限公司
臺中市烏日區五光路69號



(1.2)

Test Item (s)	Unit	Method	MDL	Result	Limit
				No.1	
DEEP (bis(2-Ethoxyethyl) phthalate) (CAS No.: 605-54-9) (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.	-
BMPP (bis(4-Methyl-2-pentyl) phthalate) (CAS No.: 146-50-9) (n-Heptane, 25°C, 1 hour)	ppm		0.05	n.d.	-
DPhP (Diphenyl phthalate) (CAS No.: 84-62-8) (n-Heptane, 25°C, 1 hour)	ppm		0.05	n.d.	-
DNPP (Di-n-pentyl phthalate) (CAS No.: 131-18-0) (n-Heptane, 25°C, 1 hour)	ppm		0.05	n.d.	-
DNHP (Di-n-hexyl phthalate) (CAS No.: 84-75-3) (n-Heptane, 25°C, 1 hour)	ppm		0.05	n.d.	-
DNP (Dinonyl phthalate) (CAS No.: 84-76-4) (n-Heptane, 25°C, 1 hour)	ppm		0.05	n.d.	-

Note :

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

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/C1666 Date : 2013/01/04 Page : 4 of 4

毅晉塑膠企業有限公司
臺中市烏日區五光路69號



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

CY/2012/C1666



** 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.