

## 委託試驗報告書 ( Test Report )

送樣廠商(Sample Submitted By) : 封王實業股份有限公司/Phoenixes Multi Solutions Inc.  
樣品名稱(Sample Description) : PE 膜 / PE plastic film  
收件日期(Sample Receiving Date) : 2018/03/05  
試驗期間(Testing Period) : 2018/03/08~03/14  
簽發日期(Authorized Date) : 2018/03/14

### 備註(Note) :

1. 本報告所記載事項僅做參考資料，不得做為廣告、公證、出版物或商業宣傳推銷之用。  
The contents in this report are for reference only, do not use this for advertising, notarization, publication or sales promotion purpose.
2. 本報告所用測試樣品、物品名稱、等資料係由委託單位提供，本測試實驗室僅負責分析。  
The test sample, sample description and other information are all submitted by the applicant, the test lab is responsible for test analysis only.
3. 測試報告僅就委託所送樣品負責。  
The results in this report are valid only to the sample sent by the applicant.
4. 標記處註記為「\*」者，表示該項目已通過 ISO/IEC 17025 之認證。  
The test item tagged with 「\*」 represents it has passed the accreditation of ISO/IEC 17025.
5. 衛生福利部。Ministry of Health and Welfare(MOHW).

報告簽署人：  
Approval signatory

張琳宗

授權簽發：  
Authorized by



頁數(page) : 1 of 4

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試驗項目(Test Item)	單位(Unit)	試驗方法(Method)	結果(Result)	定量極限(LOQ)	法規極限(Limit)	標記(Tag)
耐熱性試驗 (95°C, 1 小時) / Heat Tolerance (95°C, 1 hour)	—	參考塑膠類食品器具容器包裝之耐熱溫度標示符合性試驗方法(106 年 11 月 13 日衛授食字第 1061902219 公告) With reference to Methods of Test for Labeling Conformance of Heat Tolerance of Plastic Food Utensils, Containers and Packages (MOHW Food No.1061902219 announced, November 13, 2017)	無變形 Appearance not changed	-	無變形 Appearance not changed	*
高錳酸鉀消耗量/(水, 95°C, 30 分鐘) Potassium permanganate consumption (water, 95°C, 30min)	ppm	參考食品器具、容器、包裝檢驗方法-聚乙烯塑膠類之檢驗(104年5月11日部授食字第1041900696號公告) With reference to Method of test for Food Utensils, Containers and Packages-Test of Polyethylene Products (PE) (MOHW Food No.1041900696 announced, May 11, 2015)	未檢出 (N.D.)	1	10	*
重金屬(以鉛計)- (4% 醋酸, 95°C, 30 分鐘) Heavy metal (as Pb)- (4% acetic acid, 95°C, 30min)	ppm		<1	-	1	*
蒸發殘渣-(水, 95°C, 30 分鐘) Evaporation residue-(water, 95°C, 30min)	ppm		7.99	2	30	*
蒸發殘渣-(4% 醋酸, 95°C, 30 分鐘) Evaporation residue-(4% acetic acid, 95°C, 30min)	ppm		未檢出 (N.D.)	2	30	*
蒸發殘渣-(20% 酒精, 60°C, 30 分鐘) Evaporation residue-(20% alcohol, 60°C, 30min)	ppm		未檢出 (N.D.)	2	30	*
蒸發殘渣-(正庚烷, 25°C, 1 小時) Evaporation residue-(n-Heptane, 25°C, 1 hour)	ppm		未檢出 (N.D.)	2	150	*
材質試驗: 重金屬-鉛 Material test: Heavy metal-Pb	ppm	參考食品器具、容器、包裝檢驗方法-塑膠類之檢驗(102 年 11 月 13 日部授食字第 1021950607 號修正) With reference to Method of test for Food Utensils, Containers and Packages-Test of Plastic Products (MOHW Food No.1021950607 announced, November 13, 2013)	未檢出 (N.D.)	5	100	*
材質試驗: 重金屬-鎘 Material test: Heavy metal-Cd	ppm		未檢出 (N.D.)	0.5	100	*



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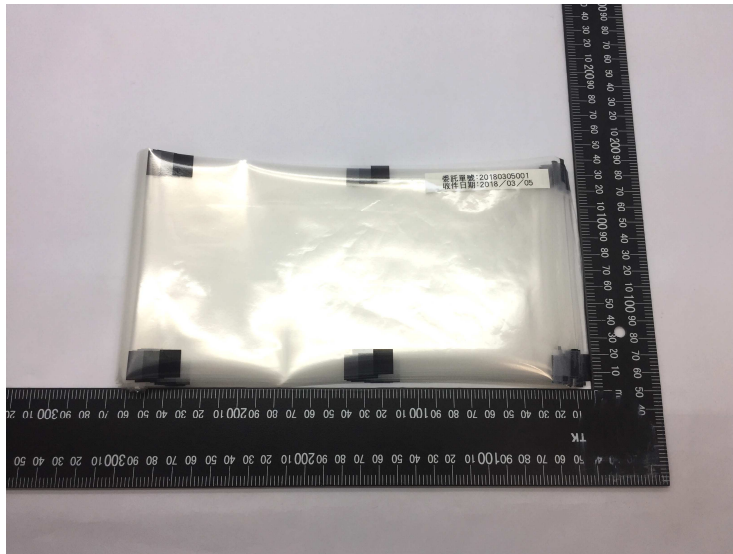
試驗項目(Test Item)	單位 (Unit)	試驗方法(Method)	結果 (Result)	定量 極限 (LOQ)	法規 極限 (Limit)	標記 (Tag)
鄰苯二甲酸二丁酯(DBP) Dibutyl phthalate (CAS No.:84-74-2)	ppm	參考食品器具、容器、包裝 檢驗方法-塑膠類之檢驗 (102年11月13日部授食字第 1021950607號修正) With reference to Method of test for Food Utensils, Containers and Packages- Test of Plastic Products (MOHW Food No.1021950607 announced , November 13 , 2013)	未檢出 (N.D.)	0.05	0.3	*
鄰苯二甲酸丁基苯甲酯(BBP) Butyl benzyl phthalate (CAS No.:85-68-7)	ppm		未檢出 (N.D.)	0.05	30	*
己二酸二(2-乙基己基)酯(DEHA) Di(2-ethylhexyl) adipate (CAS No.:103-23-1)	ppm		未檢出 (N.D.)	0.05	18	*
鄰苯二甲酸二(2-乙基己基)酯(DEHP) Di(2-ethylhexyl) phthalate (CAS No.:117-81-7)	ppm		未檢出 (N.D.)	0.05	1.5	*
鄰苯二甲酸二異壬酯(DINP) Diisononyl phthalate (CAS No.:28553-12-0;68515-48-0)	ppm		未檢出 (N.D.)	0.5	9	*
鄰苯二甲酸二異癸酯(DIDP) Diisodecyl phthalate (CAS No.:26761-40-0;68515-49-1)	ppm		未檢出 (N.D.)	0.5	9	*
鄰苯二甲酸二甲酯(DMP) Dimethyl phthalate (CAS No.:131-11-3)	%	參考 CNS15138-1 方法, 以 氣相層析質譜儀(GC/MS) 檢測 With reference to Method of test for Determination Of phthalates plasticizers in plastic products- Gas chromatography/mass spectrometry	未檢出 (N.D.)	0.006	個別含量不 得超過 0.1 % (重量比)  Individual content shall not exceed 0.1% (weight ratio)	*
鄰苯二甲酸二乙酯(DEP) Diethyl phthalate (CAS No.:84-66-2)	%		未檢出 (N.D.)	0.006		*
鄰苯二甲酸二丁酯(DBP) Dibutyl phthalate (CAS No.:84-74-2)	%		未檢出 (N.D.)	0.006		*
鄰苯二甲酸丁基苯甲酯(BBP) Butyl benzyl phthalate (CAS No.:85-68-7)	%		未檢出 (N.D.)	0.006		*
鄰苯二甲酸二(2-乙基己基)酯(DEHP) Di(2-ethylhexyl)phthalate (CAS No.:117-81-7)	%		未檢出 (N.D.)	0.006		*
鄰苯二甲酸二辛酯(DNOP) Di-n-octyl phthalate (CAS No.:117-84-0)	%		未檢出 (N.D.)	0.006		*
鄰苯二甲酸二異壬酯(DINP) Diisononyl phthalate (CAS No.:28553-12-0;68515-48-0)	%		未檢出 (N.D.)	0.06		*
鄰苯二甲酸二異癸酯(DIDP) Diisodecyl phthalate (CAS No.:26761-40-0;68515-49-1)	%		未檢出 (N.D.)	0.06		*

備註(Note) :

- 0.1wt% = 1000ppm ; mg/kg = ppm
- 未檢出= 小於定量極限(N.D.= Less than LOQ)

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附圖：樣品照  
(Photo: Sample Photo)



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頁數(page)： 4 of 4