

Test Report 測試報告

Applicant: 申請廠商	Hos Win Enterprise Co., Ltd. 禹昌企業股份有限公司 No. 6-3, Dalun Rd., Dacun Township, Changhua County 51544, Taiwan 515-44 彰化縣大村鄉大崙路 6-3 號	Number 報告號碼	: TWNC01310629
		Issue Date 報告發行日期	: Oct 25, 2024

Sample Description 樣品敘述:

One (1) Group of Submitted Samples Said To Be:

壹(一)件所送檢樣品據指為:

Name of Sample 樣品名稱	: BLACK PP FOOD CONTAINER PP 食品容器(黑色)
Country of Origin 原產地	: Taiwan 台灣
Manufacturer 製造廠商	: HOS WIN ENTERPRISE CO. LTD. 禹昌企業股份有限公司
Date Sample Received 樣品收到日期	: Oct 15, 2024
Date Test Started 開始測試日期	: Oct 16, 2024

Test Conducted 測試內容:

Tests were conducted by applicant's request, for details please refer to attached pages.
依據客戶要求執行測試，結果請參考附頁。

Authorized By 審核者:

On behalf of Intertek Testing Services
Taiwan Limited
全國公證檢驗股份有限公司

Matt Wang 王政雄
General Manager 總經理



Signed by 報告簽署人:

Thomas Chou

Thomas Chou 周世民
Manager 經理



Page 1 of 6



Test Conducted 測試內容：

Analysis of Food Utensils, Containers and Packages - Polypropylene (PP) as Raw Material

食品器具容器包裝檢測 - 原材料為聚丙烯(PP)

Method : Lead (Pb) / Cadmium (Cd) / Consumption of Potassium Permanganate / Heavy Metals (as
檢驗方法 Pb) / Residues after Evaporation

鉛含量 / 鎘含量 / 高錳酸鉀消耗量 / 重金屬(以 Pb 計) / 蒸發殘渣

MOHW Food No. 1071901787 Announcement (9/17/2018) Methods of Test for Food Utensils, Containers and Packages - Test of Polypropylene Plastic Products (MOHWU0007.03).

衛生福利部 107 年 9 月 17 日衛授食字第 1071901787 號公告修正食品器具、容器、包裝檢驗方法 - 聚丙烯塑膠類之檢驗(MOHU0007.03)。

Migration of Phthalates

溶出塑化劑

MOHW Food No. 1071901983 Announcement (10/4/2018) Methods of Test for Food Utensils, Containers and Packages - Test of Plastic Products (MOHWU0028.04).

衛生福利部 107 年 10 月 4 日衛授食字第 1071901983 號公告修正食品器具、容器、包裝檢驗方法 - 塑膠類之檢驗(MOHU0028.04)。

Phthalates

材質塑化劑

As per CNS 15138-1 (6/14/2012) - Method of test for determination of phthalates plasticizers in plastic products - Part 1: Gas chromatography/mass spectrometry.

依據 CNS 15138-1 (101 年 6 月 14 日) - 塑膠製品中鄰苯二甲酸酯類塑化劑試驗法-第 1 部：氣相層析質譜法。



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Analysis of Food Utensils, Containers and Packages - Polypropylene (PP) as Raw Material
食品器具容器包裝檢測 - 原材料為聚丙烯(PP)

Result :
檢驗結果

Test Item 檢驗項目	Unit 單位	Detection Limit 定量極限	Result 檢出值 <u>Black plastic container (see arrow)</u> 黑色塑膠容器 (請見箭頭)	Limit# 限值
Material Test 材質試驗				
Lead (Pb) 鉛含量	ppm	5	Not detected 未檢出	100
Cadmium (Cd) 鎘含量	ppm	0.5	Not detected 未檢出	100
Di(2-ethylhexyl) Phthalate (DEHP) 鄰苯二甲酸二(2-乙基己基)酯(DEHP)	%	0.003	Not detected 未檢出	0.1
Di-n-octyl Phthalate (DNOP) 鄰苯二甲酸二正辛酯(DNOP)	%	0.003	Not detected 未檢出	0.1
Dibutyl Phthalate (DBP) 鄰苯二甲酸二丁酯(DBP)	%	0.003	Not detected 未檢出	0.1
Benzyl butyl Phthalate (BBP) 鄰苯二甲酸丁苯甲酯(BBP)	%	0.003	Not detected 未檢出	0.1
Di-isodecyl Phthalate (DIDP) 鄰苯二甲酸二異癸酯(DIDP)	%	0.003	Not detected 未檢出	0.1
Di-isononyl Phthalate (DINP) 鄰苯二甲酸二異壬酯(DINP)	%	0.003	Not detected 未檢出	0.1
Dimethyl Phthalate (DMP) 鄰苯二甲酸二甲酯(DMP)	%	0.003	Not detected 未檢出	0.1
Diethyl Phthalate (DEP) 鄰苯二甲酸二乙酯(DEP)	%	0.003	Not detected 未檢出	0.1



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食品器具容器包裝檢測 - 原材料為聚丙烯(PP)

Result :
檢驗結果

Test Item 檢驗項目	Unit 單位	Detection Limit 定量極限	Result 檢出值	Limit [#] 限值
			<u>Black plastic container</u> (see arrow) 黑色塑膠容器 (請見箭頭)	
Migration Test 溶出試驗				
Consumption of Potassium Permanganate 高錳酸鉀消耗量 (Water, 95°C, 30 min) (水、95°C、30 分鐘)	ppm	0.2	0.2	10
Heavy Metals (as Pb) 重金屬(以 Pb 計) (4% Acetic Acid, 95°C, 30 min) (4% 醋酸、95°C、30 分鐘)	ppm	1	< 1	1
Residues after Evaporation (pH>5) 蒸發殘渣(pH>5) (Water, 95°C, 30 min) (水、95°C、30 分鐘)	ppm	1	Not detected 未檢出	30
Residues after Evaporation (pH≤5) 蒸發殘渣(pH≤5) (4% Acetic Acid, 95°C, 30 min) (4% 醋酸、95°C、30 分鐘)	ppm	1	5	30
Residues after Evaporation (Food Containing Surface Oils / Oils and Fatty Foods) 蒸發殘渣(含表面油脂/脂肪性食品) (n-Heptane, 25°C, 1 hour) (正庚烷、25°C、1小時)	ppm	1	2	30
Residues after Evaporation (Foods Containing Alcohol) 蒸發殘渣(含酒精成分食品) (20% Alcohol, 60°C, 30 min) (20%乙醇、60°C、30 分鐘)	ppm	1	Not detected 未檢出	30



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Result :
檢驗結果

Test Item 檢驗項目	Unit 單位	Detection Limit 定量極限	Result 檢出值	Limit [#] 限值
			<u>Black plastic container</u> (see arrow) 黑色塑膠容器 (請見箭頭)	
Migration Test 溶出試驗				
Di(2-ethylhexyl) Phthalate (DEHP) 鄰苯二甲酸二(2-乙基己基)酯(DEHP) (n-Heptane, 25°C, 1 hour) (正庚烷、25°C、1 小時)	ppm	0.05	Not detected 未檢出	1.5
Dibutyl Phthalate (DBP) 鄰苯二甲酸二丁酯(DBP) (n-Heptane, 25°C, 1 hour) (正庚烷、25°C、1 小時)	ppm	0.05	Not detected 未檢出	0.3
Benzyl butyl Phthalate (BBP) 鄰苯二甲酸丁苯甲酯(BBP) (n-Heptane, 25°C, 1 hour) (正庚烷、25°C、1 小時)	ppm	0.05	Not detected 未檢出	30
Di-isononyl Phthalate (DINP) 鄰苯二甲酸二異壬酯(DINP) (n-Heptane, 25°C, 1 hour) (正庚烷、25°C、1 小時)	ppm	0.5	Not detected 未檢出	9
Di-isodecyl Phthalate (DIDP) 鄰苯二甲酸二異癸酯(DIDP) (n-Heptane, 25°C, 1 hour) (正庚烷、25°C、1 小時)	ppm	0.5	Not detected 未檢出	9
Di-2-ethylhexyl Adipate (DEHA) 己二酸二辛酯(DEHA) (n-Heptane, 25°C, 1 hour) (正庚烷、25°C、1 小時)	ppm	0.05	Not detected 未檢出	18

: As per MOHW Food No. 1111303439 Announcement (1/11/2023) - Sanitation Standard for Food Utensils, Containers and Packages.

依據衛生福利部 112 年 1 月 11 日衛授食字第 1111303439 號公告「食品器具容器包裝衛生標準」

CNS : Chinese National Standards 中華民國國家標準

As requested by applicant, the test was conducted only on components listed in this report.

Other components were not tested.

依據客戶要求，僅測試列於此份報告的測試部位，其餘部位並未執行。



Sample photo 樣品照片 :



End of Report

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