



CMA Testing and Certification Laboratories

廠商會檢定中心

TEST REPORT

Report No : AY0010457(6) Date: 07 Mar 2019

Application No : LY005234(3)

Applicant : ECO-PARK HOLDINGS LTD
11/F, BLOCK 4,
GOLDEN DRAGON INDUSTRIAL CENTRE,
182-190 TAI LIN PAI ROAD,
KWAI CHUNG, HONG KONG

Sample Description : One(1) submitted samples stated to be PP plastic Lids
Test Part(s) : (1) PP plastic lid

Date Received : 27 Feb 2019.

Test Period : 27 Feb 2019 to 06 Mar 2019.

Test Result : Refer to the result pages for details.

Conclusion : The requested test(s) of the submitted sample(s) with test part(s) 1 was (were)
found to comply with respective requirement(s) for the tested item(s) as stated in
Commission Regulation (EU) 2016/1416/ Commission Regulation (EU) 2017/752/
Commission Regulation (EU) No 10/2011 with its amendment and hence Article 3
of European Regulation No. 1935/2004.

For and on behalf of
CMA Industrial Development Foundation Limited

Authorized Signature : _____

Wan Leong Hang
Deputy Manager

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Test Requested : 1. For material : Plastics
– Overall migration test for compliance with Commission Regulation (EU) 2016/1416/ Commission Regulation (EU) 2017/752/ Commission Regulation (EU) No. 10/2011 and its amendment
2. For material: Plastics
– Specific migration of primary aromatic amine for compliance with Commission Regulation (EU) 2016/1416/ Commission Regulation (EU) 2017/752/ Commission Regulation (EU) No 10/2011 and its amendment
3. For material: Plastics
– Specific migration of metal for compliance with Commission Regulation (EU) 2016/1416/ Commission Regulation (EU) 2017/752
4. For material: Plastics
– Phthalate content for compliance with Commission Regulation (EU) 2016/1416/ Commission Regulation (EU) 2017/752/ Commission Regulation (EU) No 10/2011 and its amendment

Test Method : 1. As specified in Commission Regulation (EU) 2016/1416/ Commission Regulation (EU) 2017/752/ Commission Regulation (EU) No 10/2011 and its amendment; with reference to EN 1186-3:2002 (total immersion method, method A)
2. Extracted with reference to EN13130-1:2004, followed by Liquid Chromatography Tandem Mass Spectroscopy (LC-MS/MS) analysis
3. Extraction with reference to EN13130-1:2004, followed by Inductively Coupled Plasma-Atomic Emission Spectrometry (ICP-AES) analysis
4. Solvent extraction, followed by Gas Chromatography Mass Spectroscopy (GC-MS) analysis



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Test Result :

Test 1

Simulants Used	Test Conditions (For single use)	Overall Migration Result (mg/dm ²)	Reporting Limit (mg/dm ²)	Specification (mg/dm ²)
		1		
3% Acetic Acid	70°C for 2 hours	1.3	1.0	10
50% Ethanol	70°C for 2 hours	1.8	1.0	10

- Note :
1. “mg/dm²” denotes milligram per square decimetre
 2. “°C” denotes degree Celsius
 3. The specification was quoted from Commission Regulation (EU) No 10/2011 and its amendment
 4. Test condition and simulants were specified by client

Test 2

Extracted by 3% Acetic Acid

Test Item	Test Condition	Result (mg/kg)	Reporting limit (mg/kg)	Specification (mg/kg)
		1		
Primary Aromatic Amine	70°C for 2 hours	ND	0.002	0.01

- Note :
1. “mg/kg” denotes milligram per kilogram of foodstuff in contact with
 2. “°C” denotes degree Celsius
 3. “ND” denotes Not Detected
 4. The specification was quoted from Commission Regulation (EU) No 10/2011 and its amendment



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Test Result :

Test 3

Extracted by 3% Acetic Acid

Test Item	Test condition	Result (mg/kg)	Reporting limit (mg/kg)	Specification (mg/kg)
		1		
Barium	70°C for 2 hours	ND	0.25	1
Cobalt		ND	0.01	0.05
Copper		ND	0.25	5
Iron		ND	1.0	48
Lithium		ND	0.1	0.6
Manganese		ND	0.1	0.6
Nickel		ND	0.01	0.02
Zinc		ND	1.0	5
Aluminum		ND	0.2	1

- Note :
1. “mg/kg” denotes milligram per kilogram of foodstuff in contact with
 2. “°C” denotes degree Celsius
 3. “ND” denotes Not Detected
 4. The specification was quoted from Commission Regulation (EU) 2016/1416/ Commission Regulation (EU) 2017/752

Test 4

Test Items	Result (%)	Reporting limit (%)	Specification (%)
	1		
Butyl Benzyl Phthalate (BBP)	ND	0.01	0.1
Diethyl Hexyl Phthalate (DEHP)	ND	0.01	0.1
Dibutyl Phthalate (DBP)	ND	0.01	0.05
Diisononyl Phthalate (DINP)	ND	0.01	0.1
Diisodecyl Phthalate (DIDP)	ND	0.01	0.1

- Note :
1. “%” denotes percentage by weight
 2. “ND” denotes Not Detected
 3. The specification was quoted from Commission Regulation (EU) No 10/2011 and its amendment



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Appendix



***** End of Report *****