



BUREAU  
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CONSUMER PRODUCTS SERVICES DIVISION

<CROWN NAME DISPOSABLE HYGIENE PRODUCTS FTY.LTD>

Technical Report: (9021)340-0043  
Date Received: DEC. 06, 2021

DEC. 22, 2021  
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AMANDA  
CROWN NAME DISPOSABLE HYGIENE PRODUCTS  
FTY.LTD  
NO.508 QI'AN AVENUE,ZHUCHENG STREET,XINZHOU  
DISTRICT,WUHAN CITY,HUBEI PROVINCE,P.R.CHINA

Sample Description:	MOB CAP BLUE SIZE 50CM,53CM,61CM		
Manufacturer:	CROWN NAME DISPOSABLE HYGIENE PRODUCTS FTY.LTD	PO No.:	/
Buyer:	/	Item No.:	/
Country of Origin:	CHINA	Country of Destination:	/
Color:	BLUE	Style No.:	SIZE 53CM
Protocol No.:	/	UPC Code:	/
Retest:	NO	Lot No.:	/
Previous Report No.:	/		

SUMMARY OF THE TEST RESULTS

TEST REQUESTED	CONCLUSION
Overall Migration Test for Plastic Materials in Contact with Foodstuffs – Client's Specification	PASS
Specific Migration of Heavy Metals for Plastic Materials in Contact with Foodstuffs – Client's Specification	PASS
Specific Migration of Phthalates for Plastic Materials in Contact with Foodstuffs – Client's Specification	PASS
Phthalate Contents for Plastic Materials in Contact with Foodstuffs – Client's Specification	PASS

Remark: 1.The client specified test method and requirement.

C/N QD/DAMON/AZ

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**CONSUMER PRODUCTS SERVICE DIVISION (SHANGHAI)-QINGDAO  
BRANCH**

ANDERSON ZHANG  
MANAGER – HARDLINE OPERATION



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### TEST RESULT

Test Item	Description	Client Claimed Material
1	Blue fabric	PP

#### Overall Migration Test for Plastic Materials in Contact with Foodstuffs –Client's Specification

Test Condition: 4h at 40°C (10% Ethanol/ 3% Acetic acid/ 20% Ethanol/ 50% Ethanol/ 95% Ethanol)  
1h at 20°C (Iso-octane)

Simulant Used	Unit	Result		Maximum Allowable Limit	Analytical Tolerance
		1	-		
Food contact surface area	dm <sup>2</sup>	1	-	-	-
Volume of stimulant used	mL	200	-	-	-
10% Ethanol	mg/dm <sup>2</sup>	<5	-	10	+2
3% Acetic acid	mg/dm <sup>2</sup>	<5	-		
20% Ethanol	mg/dm <sup>2</sup>	<5	-		
50% Ethanol	mg/dm <sup>2</sup>	<5	-		
95% Ethanol	mg/dm <sup>2</sup>	<5	-		+3
Iso-octane	mg/dm <sup>2</sup>	<5	-		
<b>Conclusion</b>	-	PASS	-	-	-

Note: "<" = less than  
mg/dm<sup>2</sup> = milligram per square decimeter

Method: Reference to EN 1186-1: 2002, EN 1186-3: 2002, EN 1186-14: 2002,

Remark: 1) By client request, the test accordance with Commission Regulation (EC) No 1935/2004, Regulation (EU) No. 10/2011, European Commission Directive 2007/19/EC and 78/142/EEC, Commission Regulation (EU) 2016/1416 and Commission Regulation (EU) 2017/752

2) Selected test was specified by client.

3) The test condition and simulant used were specified by client.



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**Specific Migration of Heavy Metals for Plastic Materials in Contact with Foodstuffs –Client's Specification**

Test Condition: 4 h at 40 °C (3% Acetic acid)

Parameter	Simulant Used	Unit	Result	Maximum Allowable Limit
			1	
Food contact surface area	-	dm <sup>2</sup>	0.60	-
Volume of stimulant used	-	mL	100	-
Barium (Ba)	3% Acetic acid	mg/kg	<0.01	1
Cobalt (Co)	3% Acetic acid	mg/kg	<0.01	0.05
Copper (Cu)	3% Acetic acid	mg/kg	<0.04	5
Iron (Fe)	3% Acetic acid	mg/kg	<0.04	48
Lithium (Li)	3% Acetic acid	mg/kg	<0.01	0.6
Manganese (Mn)	3% Acetic acid	mg/kg	<0.01	0.6
Zinc (Zn)	3% Acetic acid	mg/kg	0.0976	5
Aluminum (Al)	3% Acetic acid	mg/kg	<0.1	1
Nickel (Ni)	3% Acetic acid	mg/kg	<0.01	0.02
Antimony (Sb)	3% Acetic acid	mg/kg	<0.01	0.04
Arsenic (As)	3% Acetic acid	mg/kg	<0.01	Not detected
Cadmium (Cd)	3% Acetic acid	mg/kg	<0.002	Not detected
Chromium (Cr)	3% Acetic acid	mg/kg	<0.01	Not detected
Europium (Eu)	3% Acetic acid	mg/kg	<0.01	0.05
Gadolinium (Gd)	3% Acetic acid	mg/kg	<0.01	0.05
Lanthanum (La)	3% Acetic acid	mg/kg	<0.01	0.05
Lead (Pb)	3% Acetic acid	mg/kg	<0.01	Not detected
Mercury (Hg)	3% Acetic acid	mg/kg	<0.01	Not detected
Terbium (Tb)	3% Acetic acid	mg/kg	<0.01	0.05
Sum of Europium (Eu), Gadolinium (Gd), Lanthanum (La), and/or Terbium (Tb)	3% Acetic acid	mg/kg	<0.01	0.05
<b>Conclusion</b>	<b>-</b>	<b>-</b>	<b>PASS</b>	<b>-</b>

Note: "<" = less than  
mg/kg = milligram per kilogram

Method: Reference to EN 13130-1: 2004 and analysis by Inductively Coupled Argon Plasma Spectrometer (ICP).

Remark:

- 1) By client request, the test accordance with Commission Regulation (EC) No 1935/2004, Regulation (EU) No. 10/2011, European Commission Directive 2007/19/EC and 78/142/EEC, Commission Regulation (EU) 2016/1416 and Commission Regulation (EU) 2017/752
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**Specific Migration of Phthalates for Plastic Materials in Contact with Foodstuffs – Client's Specification**

Test Condition: 4 h at 40 °C (3% Acetic Acid )

Parameter	Simulant Used	Unit	Result	Client's Limit
			1	
Food contact surface area	-	dm <sup>2</sup>	0.60	-
Volume of stimulant used	-	mL	100	-
Butyl benzyl phthalate (BBP)	3% Acetic Acid	mg/kg	<0.3	30
Di-2-ethylhexyl phthalate (DEHP)	3% Acetic Acid	mg/kg	<0.3	1.5
Dibutyl phthalate (DBP)	3% Acetic Acid	mg/kg	<0.3	0.3
Di-iso-decyl phthalate (DIDP) and Di-iso-nonyl phthalate (DINP)	3% Acetic Acid	mg/kg	<0.6	9
<b>Conclusion</b>	<b>-</b>	<b>-</b>	<b>PASS</b>	<b>-</b>

Note: "<" = less than mg/kg = milligram per kilogram

Method: With reference to EN 13130-1: 2004 and analysis by Liquid Chromatograph Mass Spectrometer (LC-MS).

Remark:

- 1) By client request, the test accordance with Commission Regulation (EC) No 1935/2004, Regulation (EU) No. 10/2011, European Commission Directive 2007/19/EC and 78/142/EEC, Commission Regulation (EU) 2016/1416 and Commission Regulation (EU) 2017/752
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**Phthalate Contents for Plastic Materials in Contact with Foodstuffs – Client's Specification**

Parameter	Unit	Result	Client's Limit
		1	
Butyl benzyl phthalate (BBP)	%	<0.005	0.1
Dibutyl phthalate (DBP)	%	<0.005	0.05
Di-2-ethylhexyl phthalate (DEHP)	%	<0.005	0.1
Di-iso-decyl phthalate (DIDP)	%	<0.005	0.1
Di-iso-nonyl phthalate (DINP)	%	<0.005	0.1
<b>Conclusion</b>	-	PASS	-

Note: "<" = less than

Method: Solvent extraction and analysis by Gas Chromatograph Mass Spectrometer (GC-MS) or Liquid Chromatograph Mass Spectrometer (LC-MS).

Remark:

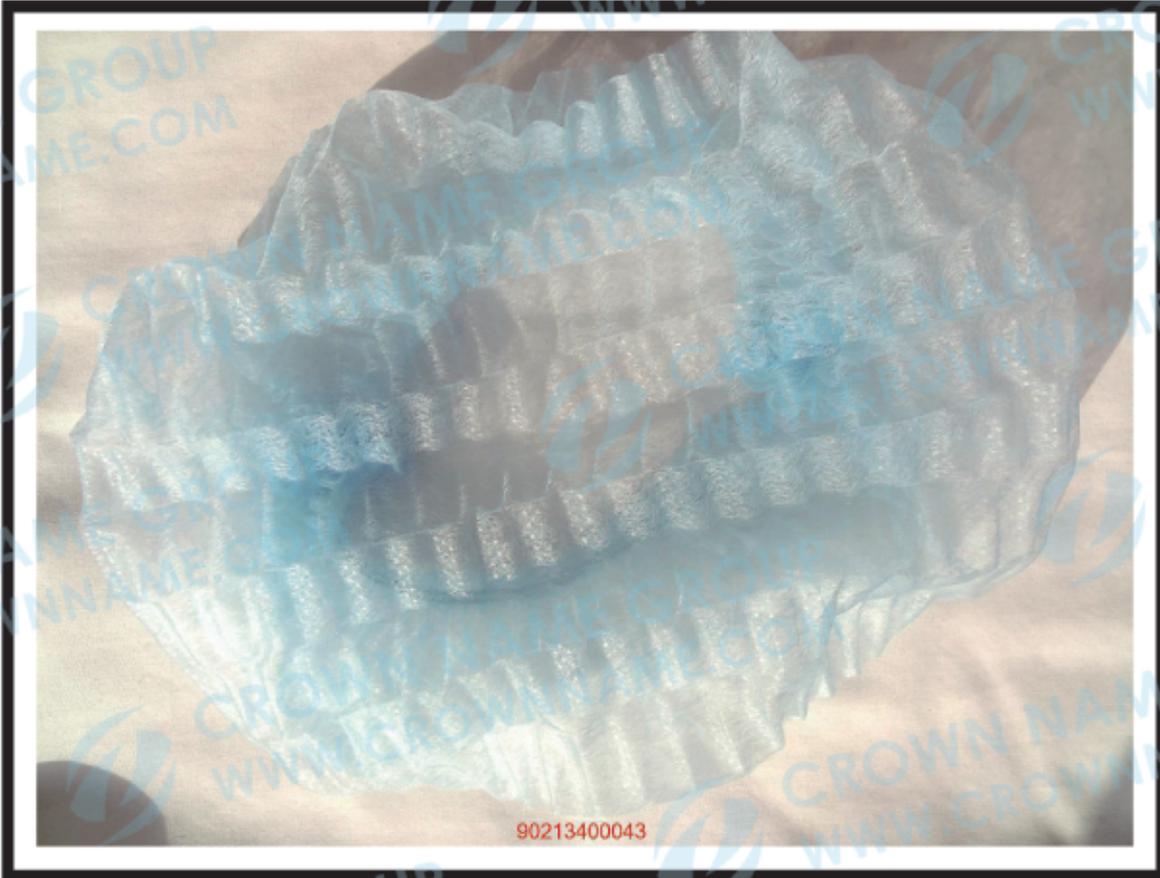
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### Original Sample



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