

REPORT

Technical Report: (8516)357-0525

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DEC 30, 2016



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TEST REPORT

WHITE WHALE CUPS CO., LTD
 RM 735, BLOCK A, JUNYUE BUILDING,
 JIAOJIANG, TAIZHOU, ZHEJIANG, 318000
 CHINA

LAB LOCATION: SHENZHEN
LAB NUMBER: (8516)357-0525

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DATE IN: DEC 22, 2016

MOD. LOG IN: /
DATE OUT: DEC 30, 2016
REVISED DATE: /
WORKING DAYS: 7
PAGE: 2 OF 5

OVERALL RATING	
PASS	X
FAIL	_____
DATA	_____

TESTING FOR
U.S. FDA 21 CFR PART 177.1210 – CLOSURES
WITH SEALING GASKETS FOR FOOD
CONTAINERS
U.S. FDA 21 CFR PART 177.1520 -OLEFIN
POLYMER
U.S. FDA 21 CFR PART 177.1520- OLEFIN
POLYMERS - POLYPROPYLENE
HOMOPOLYMER
BPA FREE

Sample Description:	SPORT WATER BOTTLE								
Manufacturer:	/			P.O. No.:	/				
Buyer:	/			Style:	/				
Country of Origin:	CHINA			Country of Destination:	/				
Color:	/			SKU Number:	/				
Re-test:	Yes:	<input type="checkbox"/>	No:	<input checked="" type="checkbox"/>	Charge Vendor:	Yes:	<input checked="" type="checkbox"/>	No:	<input type="checkbox"/>
Previous Report No.:	/								



EXECUTIVE SUMMARY:

- The submitted sample(s) demonstrated **SATISFACTORY** material qualities as the following Food Simulating Solvents Extractions test results comply with the U.S. Food and Drug Administration requirements. Test results are stated as below: **(PASS)**

U.S. FDA 21 CFR part 177.1210 – Closures with sealing gaskets for food containers

Chloroform soluble extractives residue

Condition of use: E) Room temperature filled and stored
 Extracting condition: Water (120 °F, 24 hr.),

Parameter	Unit	Result	Limit
		1	
Chloroform- Soluble Extractives (i) Distilled Water	ppm	<10	≤ 50
Conclusion	-	PASS	-

Test Item 1: (i) Translucent soft plastic (gasket)

Note: ppm = parts per million
 NA = not applicable
 < = less than

U.S. FDA 21 CFR part 177.1520 -Olefin polymer

Client claimed material: Polyethylene

Parameter	Unit	Result	Limit
		1	
Density	g/cm ³	i 0.935	0.85-1.00
Total Extractives (n-Hexane)	% w/w	1.46	≤ 5.5
Total Extractives (Xylene)	% w/w	3.11	≤ 11.3
Conclusion	-	PASS	-

Test Item 1: (i) Dark green plastic (body)

Note: < = less than

Olefin Polymers - Polypropylene Homopolymer - U.S. FDA 21 CFR 177.1520

Parameter	Unit	Result	Limit
		1	
Density	g/cm ³	i 0.889	0.880-0.913
		ii 0.909	
Melting Point	°C	i 168	160-180
		ii 168	
Total Extractives (n-Hexane)	% w/w	0.98	≤ 6.4
Total Extractives (Xylene)	% w/w	3.88	≤ 9.8
Conclusion	-	PASS	-

Test Item 1: (i) Translucent plastic (inner valve)



(ii) Light green plastic (lid)

Note: g/cm^3 = gram per cubic centimetre
% w/w = percent weight by weight
“<” = less than
“ \leq ” = less than or equal to

Method: U.S. FDA 21 CFR 177.1520

2. The submitted sample(s) demonstrated **SATISFACTORY** level as total Bisphenol A(BPA) content comply with client’s requirement. Test results are stated as below: **(PASS)**

Total Bisphenol A (BPA) Free

Sample Description				Result
	Color / Component	Location	Style	(mg/kg)
1	Bright translucent plastic	Nozzle	All	ND
2	Soft green plastic	Lid	All	ND
3	Green, translucent plastic	Bottle	All	ND
4	Translucent soft plastic	Gasket	All	ND
5	White, soft green coating	Logo	All	ND

Note: “<” = less than
mg/kg = milligram per kilogram
ND = None detected
Reporting limit = 0.1 ppm

Method: BV in-house method

REMARK(S):

1. No protocol is enclosed with this report..
2. As per request, only the following tests were conducted in this report:
 - U.S. FDA 21 CFR part 177.1210 – Closures with sealing gaskets for food containers
 - U.S. FDA 21 CFR part 177.1520 -Olefin polymer
 - U.S. FDA 21 CFR part 177.1520- Olefin Polymers - Polypropylene Homopolymer
 - BPA FREE



NOTE: If there are questions or concerns regarding above report, please contact the appropriate lab persons.

Technical questions & concerns:

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