

Applicant: XX
XX

Contact(s): /

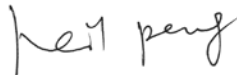
Overall Rating:	
Data	<input type="checkbox"/>
Satisfactory	<input checked="" type="checkbox"/>
Unsatisfactory	<input type="checkbox"/>
Others, See Detail Enclosed	<input type="checkbox"/>

Sample Information

	Client:	XX
	Supplier:	/
	Factory:	/
	Item No.:	XX
	Description:	XX
	PO No.:	7000201/7000202
	Sample Submitted:	2 pcs & additional components & wet paint by supplier in good condition
	Country of Origin:	China
	Destination:	U.S.A. & Europe
	Received Date:	Aug. 7, 2015
	Testing Period:	Aug. 7, 2015 to Sep. 10, 2015
	Testing Standard:	Selected tests as requested by applicants, details refer to following pages.
	Service Location:	Hangzhou
Remark:	/	

*****To be Continued

Authorized by:
HQTS QA International Services Co., Ltd.



Neil Peng
Supervisor



Testing Report

Job No.:/

Report No.: HQ153080XXX

Date: Sep. 10, 2015

Testing Summary of Tested Component on Submitted Sample:

1	US FDA 21 CFR 175.300-2012 - Resinous and Polymeric Coatings	Pass
2	US FDA 21 CFR 177.1640-Polystyrene and Rubber--Modified Polystyrene	Pass
3	US FDA 21 CFR 177.2600-Rubber Articles Intended for Repeated Use	Pass
4	US FDA 21 CFR 177.1210-Closures with Sealing Gaskets for Food Containers	Pass
5	US FDA 21 CFR 177.1520-Extractable Fraction in N-Hexane and Soluble Fraction in Xylene	Pass
6	US FDA 21 CFR 177.1520-Density	Pass
7	US FDA 21 CFR 177.1520-Melting Point	Pass

*****To be Continued

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Supervisor

1 FDA 21 CFR 175.300-2012

Tested Component Description (Location): Logo Printing					
Simulant Used	Time	Temperature	Maximum Allowable Limit	Result	Comment
Distilled Water	/	37.8°C	18 mg/inch ²	<0.1 mg/inch ²	Pass
8% Alcohol	2 hr	65.6°C	18 mg/inch ²	<0.1 mg/inch ²	Pass
n-Heptane	0.25 hr	48.9°C	18 mg/inch ²	<0.1 mg/inch ²	Pass

2 US FDA 21 CFR 177.1640-Polystyrene and Rubber--Modified Polystyrene

Tested Component Description (Location): #1, Black Plastic (Bottle Body)			
Simulant Used	Maximum Allowable Limit	Result	Comment
Styrene Monomer	1.0 %	ND	Pass

Remark: ND=Not Detected (<0.05%)

3 US FDA 21 CFR 177.2600- Rubber Articles Intended for Repeated Use

Tested Component Description (Location): #4, Black Rubber (on Lid)					
Simulant Used	Time	Temperature	Maximum Allowable Limit	Result	Comment
Water	First 7 hr	Reflux temperature	20 mg/in ²	1.7 mg/in ²	Pass
Water	Final 2 hr	Reflux temperature	1 mg/in ²	<0.5 mg/in ²	Pass

Remark: 1 in²=6.45cm²

4 US FDA 21 CFR 177.1210-Closures with Sealing Gaskets for Food Containers

Tested Component Description (Location): #5, Semi-Transparent Rubber Joint Ring (on Lid)					
Simulant Used	Time	Temperature	Maximum Allowable Limit	Result	Comment
Water	24 h	48.9°C	50 mg/kg	<5 mg/kg	Pass

*****To be Continued

5 US FDA 21 CFR 177.1520-Extractable Fraction in N-Hexane and Soluble Fraction in Xylene

As specified for client, to determine soluble fraction in n-hexane and xylene for compliance with the Food and Drug Administration Regulations for polypropylene used in contact with food.

Test Methods: With reference to FDA 21 CFR 177.1520d(3)(i); FDA 21 CFR 177.1520d(4)(i).

Tested Component Description (Location): #2, Black Plastic (Lid)					
Simulant Used	Time	Temperature	Max. Permissible	Result	Comment
N-Hexane	2 h	Reflux Temperature	6.4%	<0.5%	Pass
Soluble fraction in Xylene	2 h	25°C	9.8%	3.2%	Pass

6 US FDA 21 CFR 177.1520-Density.

As specified for client, to determine density at 23 °C for compliance with the Food and Drug Administration Regulations for polypropylene used in contact with food.

Test Method: With reference to FDA 21 CFR 177.1520d(1).

	Description	Temperature(°C)	Limit(g/cm ³)	Result(g/cm ³)	Comment
#2	Black Plastic (Lid)	23	0.880-0.913	0.905	Pass

7 US FDA 21 CFR 177.1520- Melting Point

As specified for client, to determine melting point for compliance with the Food and Drug Administration Regulations for polypropylene used in contact with food.

Test Method: With reference to FDA 21 CFR 177.1520d(2).

	Description	Limit(°C)	Result(°C)	Comment
#2	Black Plastic (Lid)	160-180	164	Pass

*****End of Report