

Test Report

Report No.: SZF10042307294

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Client : CSP INC

Address : 8248 W. ORANGE DR GLENDALE, AZ 85303 USA

Report on the submitted sample said to be:

Sample Name : Stainless Steel Water Bottle

Item No. : K11-004

Labelled Age Group : 3+

Country of Origin : China

Exported to : U.S.A

Manufacturer : -----

Buyer : Kids'Korner

Sample Received Date : May.24,2010

Sample tested Date : May.24,2010 ~May.28,2010

Test Requested : **Coatings:** For compliance with the U.S. Food and Drug Administration's requirement for resinous and polymeric coatings.
Rubber: For compliance with the U.S. Food and Drug Administration's requirement for rubber articles intended for repeated use.
PP: For compliance with the U.S. Food and Drug Administration's requirement for olefin polymers.

Test Method : **Coatings:** As specified in FDA 21 CFR 175.300 (c) (1).
Rubber:As specified in FDA 21 CFR 177.2600.
PP:As specified in FDA 21 CFR 177.1520.

Test Results : Please refer to next page.

Test Conclusion : **Sample 1:** The submitted samples comply with the FDA Specifications for determining the amount of extractives from resinous and polymeric coatings used as the food contact surface of articles.
Sample 2: The submitted samples comply with the FDA Specifications for determining the amount of extractives from rubber articles intended for repeated use.
Sample 3: The submitted samples comply with the specifications for polypropylene olefin polymers requirement stated in FDA 21 CFR 177.1520 (c) (1.1a).

Inspected by

yanna

Approved by

Binwang

Approved Date

May.28,2010

5F, Building F, Hongwei Industrial Zone, Baoan 70 District, Shenzhen, Guangdong, China



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Sample Description:

Sample No.	Test Component(s)	Material
Sample 1	Inside of red bottle body	Coatings
Sample 2	White rubber ring	Rubber
Sample 3	Black plastic cover	PP

Test Results:

Sample 1

Test Item	Result (mg/in ²)	Limit (mg/in ²)
High Temperature Storage		
1. Net chloroform soluble extractives in Distilled Water Extractant at 250°F for 2 hours	<0.05	0.5
2. Net chloroform soluble extractives in n-Heptane Extractant at 150°F for 2 hours	<0.05	0.5
3. Net chloroform soluble extractives in 8% Alcohol Extractant at 150°F for 2 hours	<0.05	0.5
Room temperature		
1. Net chloroform soluble extractives in Distilled Water Extractant at 120°F for 24 hours	<0.05	0.5
2. Net chloroform soluble extractives in n-Heptane Extractant at 70°F for 30 minutes	<0.05	0.5
3. Net chloroform soluble extractives in 8% Alcohol Extractant at 120°F for 24 hours	<0.05	0.5

Sample 2

Test Item	Result (mg/in ²)	Limit (mg/in ²)
Maximum extractive in distilled water		
1. First 7 hours extraction	<2	20
2. Succeeding 2 hours extraction	0.2	1
Maximum extractive in n-hexane		
1. First 7 hours extraction	14.2	175
2. Succeeding 2 hours extraction	0.6	4

Sample 3

Test Item	Result	Limit
1. Density	0.900	0.880-0.913
2. Melting point, °C	167	160-180
3. Maximum extractable fraction in n-hexane, w/w %	0.6	6.4
4. Maximum soluble fraction in xylene, w/w %	2.2	9.8

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Photo of the sample



Sample 1



Sample 2



Sample 3

*** End of report ***

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