



## Test Report

No. SH9020106/CHEM

Date: Feb. 19, 2009

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RED POD (CHINA) CO., LTD  
LANE 365, ZHIZAO JU ROAD, NO.1 UNIT 10D

The following sample(s) was/were submitted and identified by/on behalf of the client as:

Sample Name : PLA COATED PAPER CUP  
SGS Ref No. : 11609201  
Article/Model No. : EPC-12D  
Client reference : EPC-08D  
Country of Origin : CHINA  
Country of Destination : EU, USA

Sample Receiving Date : Feb.16, 2009  
Testing Period : Feb.16 – 19, 2009

Test Requested : (1) As specified for client, for compliance with Food and Drug Administration Regulations for determining the amount of net chloroform-soluble extractives from the components of paper and paperboard.  
(2) In accordance with Council of Europe Resolution AP(2002)1.  
(2-1) For material: Paper - Pentachlorophenol (PCP) content.  
(2-2) For material: Paper- Extractable Heavy Metals(Lead, Cadmium, Mercury).  
(3) To determine the total Lead and Cadmium content for compliance with US California Proposition 65.

Test Method/Test Results: Please refer to next page

Conclusion : (1) The submitted Inner white/outer green paper cup samples said to be used for PLA COATED PAPER CUP comply with the FDA Specifications for determining the amount of net chloroform-soluble extractives residue of food contact surface.  
(2) When tested as specified, the Pentachlorophenol (PCP) content, Extractable Heavy Metals and Preserving effect of the submitted sample complies with Council of Europe Resolution AP(2002)1.  
(3) When tested as specified, the total Lead and Cadmium content of the submitted sample complies with the test requirement according to US California Proposition 65.

Signed for and on behalf of  
SGS-CSTC Chemical Laboratory

Sandy Hao  
Lab Manager

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Test Method : (1) As specified in FDA 21 CFR 176. 170.  
 (2-1) With reference to LFGB § 64 BVL B 82.02.8 - 2001.  
 (2-2) Sample Preparation with reference to EN 645:1993, followed by analysis using Inductively Coupled Argon Plasma Spectrometer.  
 (3) Microwave digestion with reference to US EPA Method 3052: 1996, followed by analysis using Inductively Coupled Plasma-Atomic Emission Spectrometer (ICP-AES).

Test Results :

### (1) FDA 21 CFR 176. 170.

Extractants and Conditions	Inner white / outer green paper cup Amount of Extractives (mg/inch <sup>2</sup> )	Maximum permissible Limit (mg/inch <sup>2</sup> )
1. Distilled Water fill boiling cool to 100°F	<0.1	0.5
2. n-Heptane at 120°F for 15 minutes	<0.1	0.5

### (2-1) Pentachlorophenol (PCP) content

Test item	Result (mg/kg)	Maximum Permissible Limit (mg/kg)
	1	
PCP Content	<0.05	0.15

### (2-2) Extractable Heavy Metals

Test Items	Result (mg/dm <sup>2</sup> )	Maximum Permissible Limit (mg/dm <sup>2</sup> )
	1	
Extractable Lead	<0.003	0.003
Extractable Cadmium	<0.002	0.002
Extractable Mercury	<0.002	0.002

### (3) Total Cadmium and Total Lead Content (Unit: %)

Test Item(s):	Method (refer to)	1	MDL	Recommended Maximum Permissible Limit*
Total Cadmium content	(3)	ND	0.0005	0.08
Total Lead content		ND	0.0005	0.02

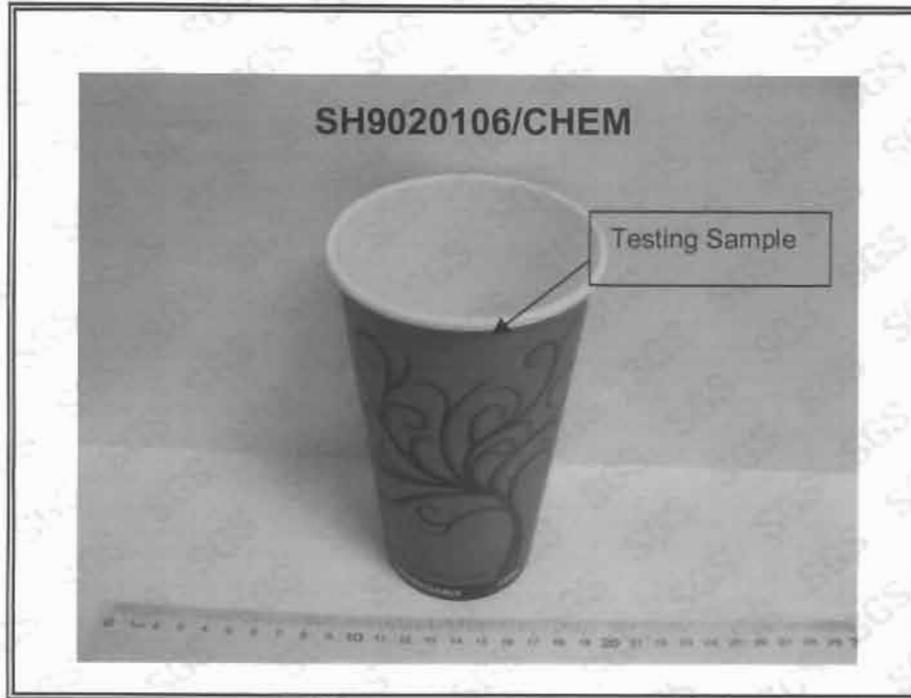
### Test Part Description:

1. Inner white outer green paper cup

Note:

- (1) 1mg/kg=1ppm=0.0001%
- (2) mg/dm<sup>2</sup> = milligram per square decimeter
- (3) ND = Not detected
- (4) MDL = Method Detection Limit
- (5) \*The maximum permissible limits are quoted from requirement as stated by Superior Court of the State of California – County of San Francisco Case No. CGC-05-440811.

Sample Photo:



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**SHCHEM 2478642**



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