

Test Report

No. SH8162750/CHEM

Date: Nov. 18, 2008

Page 1 of 5

PARATECH TECHNOLOGY CO.,INC

NO.15,BUSINESS STREET,WUGUISHAN TOWN,ZHONGSHAN,GUANGDONG.CHINA

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

Sample Name : STAINLESS STEEL BOTTLE
SGS Ref No. : SHD002823263

Sample Receiving Date : Nov.07, 2008
Testing Period : Nov.07 – 13, 2008

Test Requested/Test Method/Test Results: Please refer to next pages

Conclusion : (1) The submitted green plastic liner lid sample said to be used for STAINLESS STEEL BOTTLE complies with the FDA Specifications for polypropylene used in contact with food for the food simulation solvent used.
(2) The submitted transparent silicon rubber gasket sample said to be used for STAINLESS STEEL BOTTLE complies with the FDA Specifications for determining the amount of chloroform-soluble extractives for Closures (CLOS).
(3) The submitted silvery metal bottle sample said to be used for STAINLESS STEEL BOTTLE does not exceed the limit stated in the FDA Specifications for determining the amount of extractives from electroplating layer used as the food-contact surface of articles.
(4) When tested as specified, the submitted metal sample complies with the General Recognized As Safe (GRAS) Specifications for US FDA regulation on stainless steel.
(5) The submitted white plastic sample said to be used for STAINLESS STEEL BOTTLE complies with the FDA Specifications for polyethylene used in articles that contact with food except for articles used for packing or holding food during cooking.

Signed for and on behalf of
SGS-CSTC Chemical Laboratory



Sandy Hao
Lab Manager

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Test Report

Test Requested

No. SH8162750/CHEM

Date: Nov. 18, 2008

Page 2 of 5

- (1) As specified for client, for compliance with the Food and Drug Administration Regulations for polypropylene used in contact with food.
- (2) As specified for client, for compliance with the Food and Drug Administration Regulations for determining the amount of chloroform-soluble extractives from Closures with sealing gaskets for food containers.
- (3) As specified for client, with reference to Food and Drug Administration Regulations for determining the amount of extractives from electroplating layer.
- (4) For compliance with the General Recognized As Safe (GRAS) specification according to United State Food and Drug Administration (US FDA) Regulations on stainless steel - total chromium content
- (5) As specified for client, for compliance with the Food and Drug Administration (FDA) Regulations for polyethylene used in article that contact with food except for articles used for packing or holding food during cooking.

Test Method

- (1) As specified in FDA 21 CFR 177.1520
- (2) As specified in FDA 21 CFR 177.1210
- (3) With reference to FDA 21 CFR 175.300
- (4) Titration method
- (5) As specified in FDA 21 CFR 177.1520.

Test Results

(1) FDA 21 CFR 177.1520

	1. Green plastic liner lid	Limit
1. Density at 23°C , g / cm ³	0.905	0.880 – 0.913
2. Melting Point , °C	164*	160 – 180
3. Extractable fraction in n-hexane at reflux temperature , w/w %	1.4	6.4 max.
4. Soluble fraction in xylene at 25°C , w/w %	2.6	9.8 max.

Remark: * = Test was conducted by outside laboratory.

(2) FDA 21 CFR 177.1210

Extractants and Conditions	2. Transparent silicon rubber gasket Net Chloroform-Soluble Extractives (ppm)	Maximum permissible Limit (ppm)
1. Distilled Water 212°F for 30 minutes	<1	50
2. n-Heptane at 120°F for 30 minutes	<1	50

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Test Report

No. SH8162750/CHEM

Date: Nov. 18, 2008

Page 3 of 5

(3) FDA 21 CFR 175.300

<u>Extractants and Conditions</u>	<u>3. Silvery metal bottle Amount of Total Extractives (mg/inch²)</u>	<u>Maximum permissible Limit (mg/inch²)</u>
1. Distilled Water 212°F for 30 minutes	<1	18
2. n-Heptane at 120°F for 30 minutes	<1	18

(4) Total Chromium Content

	<u>3. Silvery metal bottle</u>	<u>Minimum permissible Limit</u>
Total Chromium content (Cr)	12.41%	10.5%

(5) FDA 21 CFR 177.1520.

	<u>4. White plastic</u>	<u>Limit</u>
1. Density at 23°C , g/ cm ³	0.924	0.850– 1.000
2. Extractable fraction in n-hexane at 50°C , W/W %	2.3	5.5max
3. Soluble fraction in xylene at 25°C , W/W %	1.9	11.3max.

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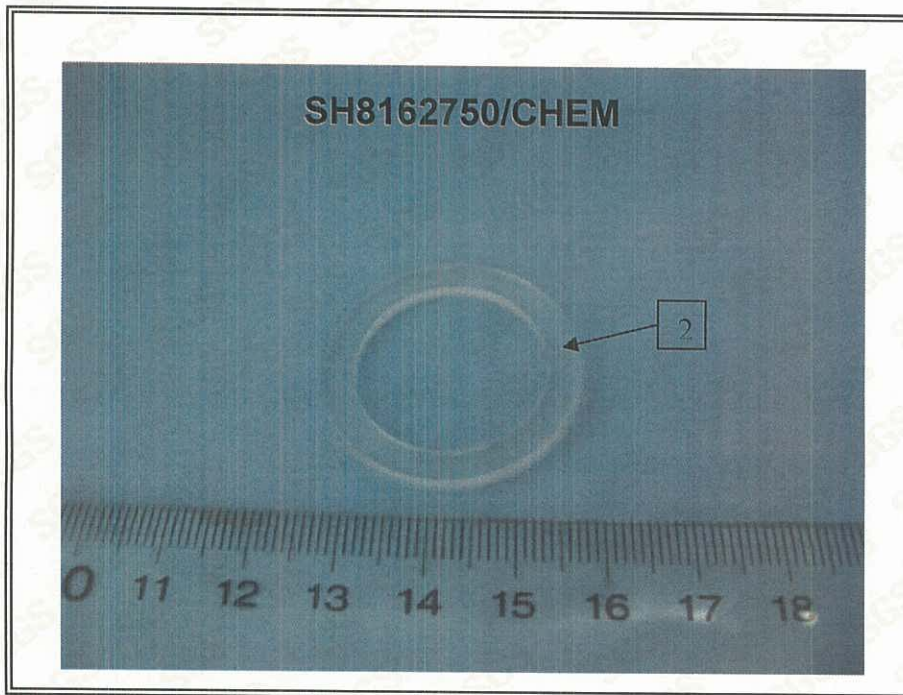
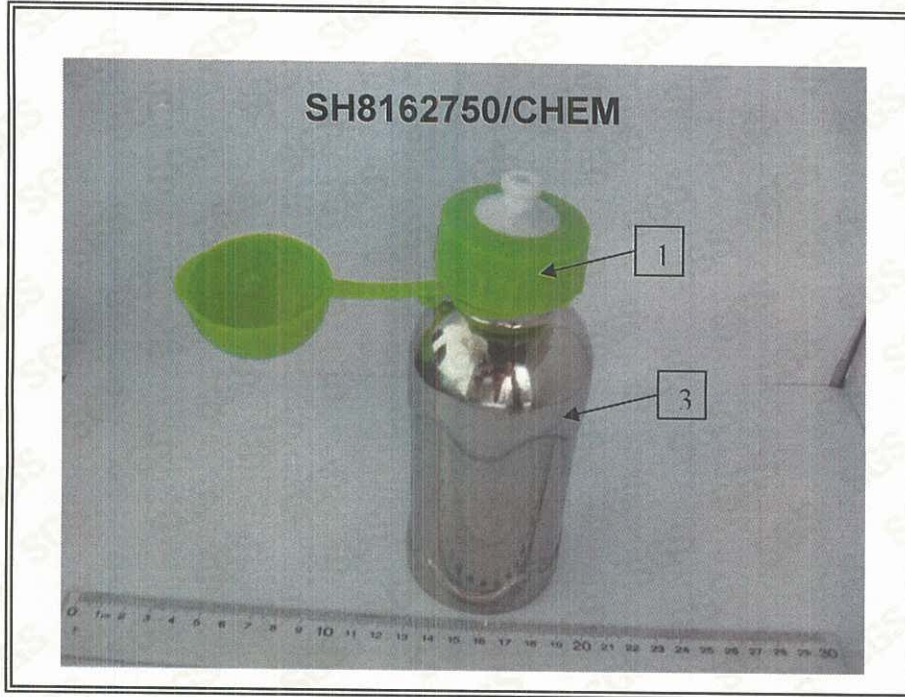
Test Report

Sample Photo:

No. SH8162750/CHEM

Date: Nov. 18, 2008

Page 4 of 5



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*** End of Report ***

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