



Test Report

No. 2201677/JL Date : Mar 10 2012 Page 1 of 7

SPEARMARK HOUSEWARES LTD
HOWARD ROAD, EATON SOCON
ST. NEOTS, CAMBS, PE19 8GA
UNITED KINGDOM

The following samples were submitted and identified on behalf of the client as
99133 CARS 2 ALI BOTTLE.

SGS Job No.	:	3760446
Buyer	:	SPEARMARK HOUSEWARES LTD
Supplier	:	NAVIGATE INDUSTRY & TRADING CO., LTD
Labeled Age Grading	:	NOT STATED
Requested Test Age Grading	:	NOT STATED
SGS Assessed Age Grading	:	3 YEARS +
Country of Origin	:	CHINA
Country of Destination	:	UNITED KINGDOM
Sample Receiving Date	:	FEB 23 2012
Testing Period	:	FEB 23 – 28 2012

Test Requested : Please refer to the result summary.

Test Method & Results : Please refer to next page(s).

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Result Summary

Test Requested	Conclusion
1. European Regulation (EC) No. 1907/2006 (REACH) Annex XVII and its amendments – Phthalates content (Formerly Directive 2005/84/EC)	PASS
2. European Regulation (EC) No. 1907/2006 (REACH) Annex XVII and its amendments – Cadmium content (Formerly Directive 91/338/EEC)	PASS
3. Council of Europe Resolution AP (2004) 5 and hence Article 3 of European Regulation No. 1935/2004.	--
a) Silicone rubber – Overall migration	PASS
4. European Commission Directive 2002/72/EC and its amendments and hence Article 3 of European Regulation No. 1935/2004.	--
a) Plastic – Overall migration	PASS
5. Council of Europe Resolution AP (2004) 1 and hence Article 3 of European Regulation No. 1935/2004.	--
a) Organic Coating – Overall migration	PASS
6. German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 and hence Article 3 of European Regulation No. 1935/2004.	--
a) Metal – Extractable heavy metals	PASS

Signed for and on behalf of
SGS Hong Kong Ltd.

Choi Man Kit, Andy
Section Manager

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Test Results :

1. European Regulation (EC) No. 1907/2006 (REACH) Annex XVII and its amendments – Phthalate content

Method : With reference to ASTM Method Designation D3421-75. Analysis was performed by Gas Chromatography / Mass Spectrometry.

Test Item	Result (%)	Detection Limit (%)	Permissible Limit (%)
	1-4		
Dibutyl Phthalate (DBP)	ND	0.003	--
Benzylbutyl Phthalate (BBP)	ND	0.003	--
Bis-(2-ethylhexyl) Phthalate (DEHP)	ND	0.003	--
DBP + BBP + DEHP	< 0.01	--	0.1
Diisononyl Phthalate (DINP)	ND	0.010	--
Di-n-octyl Phthalate (DNOP)	ND	0.003	--
Diisodecyl Phthalate (DIDP)	ND	0.010	--
DINP + DNOP + DIDP	< 0.03	--	0.1
Comment	PASS	--	--

Composite Sample Description :

1. Semi-Transparent Soft Plastic (Ring)
2. White Plastic (Spout, Tube Inside Cover)
3. Red Plastic (Cover)
4. Multi-Color Coating (On Metal) (Car) (Bottle Body) + Blue Coating (On Metal) (Bottle) (Bottle Body)

Note : 1. % = percentage by weight
 2. ND = Not Detected
 3. – = Not applicable as the component cannot be placed in mouth
 4. < = less than

Remark : The test results of group 1-2 are extracted from the test report number 2201206/JL where the sample is claimed to be identical.

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Test Results (Cont'd) :

2. European Regulation (EC) No. 1907/2006 (REACH) Annex XVII and its amendments – Cadmium content

Method : With reference to EN 1122: 2001, Method B.

Test Item	Result (%)	Detection Limit (%)	Permissible Limit (%)
	1-5		
Cadmium (Cd)	ND	0.0005	0.01
Comment	PASS	--	--

Composit Sample Description :

1. Semi-Transparent Soft Plastic (Ring)
2. White Plastic (Spout, Tube Inside Cover)
3. Red Plastic (Cover)
4. Multi-Color Coating (On Metal) (Car) (Bottle Body) + Blue Coating (On Metal) (Bottle) (Bottle Body)
5. Transparent Coating (Bottle Interior)

Note : 1. % = percentage by weight
2. ND = Not Detected

Remark : The test results of group 1-2 and 5 are extracted from the test report number 2201206/JL where the sample is claimed to be identical.

3. Council of Europe Resolution AP (2004) 5

a) Silicone rubber – Overall migration

Method : With reference to EN 1186-1:2002 for selection of conditions and test methods;
EN 1186-3:2002 aqueous food simulants by total immersion method;

Simulant Used	Test Condition	Result (mg/kg)	Detection Limit (mg/kg)	Permissible Limit (mg/kg)
		1		
3% Acetic Acid (W/V) Aqueous Solution	24 hours at 40 °C	ND	5.0	60
Comment	--	PASS	--	--

Sample Description :

1. Semi-Transparent Silicone Rubber (Ring)

Note : 1. mg/kg = milligram per kilogram of foodstuff in contact with
2. °C = degree Celsius
3. ND = Not Detected

Remark : The test results of group 1 is extracted from the test report number 2201206/JL where the sample is claimed to be identical.

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Test Results (Cont'd) :

4. European Commission Directive 2002/72/EC and its amendments

a) Plastic – Overall migration

Method : With reference to EN 1186-1:2002 for selection of conditions and test methods;
EN 1186-3:2002 aqueous food simulants by total immersion method;

Simulant Used	Test Condition	Result (mg/kg)	Detection Limit (mg/kg)	Permissible Limit (mg/kg)
		1-2		
3% Acetic Acid (W/V) Aqueous Solution	24 hours at 40°C	ND	5.0	60
Comment	--	PASS	--	--

Sample Description :

1. White Plastic (Spout, Tube Inside Cover)
2. Red Plastic (Cover)

Note : 1. mg/kg = milligram per kilogram of foodstuff in contact with
2. °C = degree Celsius
3. ND = Not Detected

Remark : The test results of group 1 is extracted from the test report number 2201206/JL where the sample is claimed to be identical.

5. Council of Europe Resolution AP (2004) 1

a) Organic Coating – Overall migration

Method : With reference to EN 1186-1:2002 for selection of conditions and test methods;
EN 1186-9:2002 aqueous food simulants by article filling method;

Simulant Used	Test Condition	Result (mg/dm ²)	Detection Limit (mg/dm ²)	Permissible Limit (mg/dm ²)
		1		
3% Acetic Acid (W/V) Aqueous Solution	24 hours at 40°C	7.4	3.0	10
Comment	--	PASS	--	--

Sample Description :

1. Transparent Coating (Bottle Interior)

Note : 1. mg/dm² = milligram per square decimeter
2. °C = degree Celsius
3. ND = Not Detected

Remark : The test results of group 1 is extracted from the test report number 2201206/JL where the sample is claimed to be identical.

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Test Results (Cont'd) :

6. German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 and hence Article 3 of European Regulation No. 1935/2004

a) Metal – Extractable heavy metals

Method : Sample preparation in 3% acetic acid at 40°C for 24 hours, followed by analysis using Inductively Coupled Argon Plasma Spectrometry.

Test Item	Result (mg/dm ²)	Detection Limit (mg/dm ²)	Recommended Limit (mg/dm ²)
	1		
Extractable Lead	ND	0.001	0.010
Extractable Cadmium	ND	0.001	0.005
Extractable Chromium	ND	0.010	0.45
Extractable Nickel	ND	0.010	0.1
Extractable Copper	ND	0.010	0.5
Extractable Antimony	ND	0.100	Not Detected
Extractable Cobalt	ND	0.100	Not Detected
Comment	PASS	--	--

Sample Description :

1. Golden Metal (Bottle Rim)

Note : 1. mg/dm² = milligram per square decimeter
2. ND = Not Detected

Remark: 1. The recommended limit is quoted from M. Hausch, Metallässigkeit von Bestecken aus Nichtrostenden Stählen, Deutsche Lebensmittel-Rundschau, 1996, 92 (3), 69-77
2. The test results of group 1 is extracted from the test report number 2201206/JL where the sample is claimed to be identical.



*** End of Report ***

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