

Test Report**Report No: QDAFN150301256****Date: Apr 15 2015**

Client name: QINGDAO SUPOUCHES PACKAGING LTD.
Client address: 1517 Zhujiang Road, Economic and Development Zone, Qingdao, China
Sample name: RB14oz Stand up Bag
Sample Batch No.: 20150228002
Product Date: 2015.03.06
Manufacturer: QINGDAO SUPOUCHES PACKAGING LTD.

Above information and sample(s) was/were submitted and certified by the client, SGS quoted the information with no responsibility as to the accuracy, adequacy and/or completeness.

SGS Sample No.: QDAFN150301256
SGS reference No.: ASH15-009108
Date of sample received: Mar 24 2015
Testing period: Mar 27 2015 ~ Apr 15 2015

TEST(S) REQUESTED:

- 1) Overall migration: As specified for client, to determine overall migration.
- 2) Specific migration of heavy metal: As specified for client, to determine specific migration of heavy metal.

TEST METHOD(S):

- 1) Overall migration: With reference to Commission Regulation (EU) No 10/2011 of 14 January 2011 Annex III and Annex V for selection of condition and EN 1186-1:2002 for selection of test methods;
EN1186-5: 2002 aqueous food simulants by cell method;
EN 1186-14: 2002 substitute test;
EN1186-13: 2002 Method B -adsorption by modified polyphenylene oxide.
- 2) Specific migration of heavy metal: With reference to EN13130-1:2004, analysis was performed by ICP-OES.

TEST RESULT(S):

Please refer to next page

The results shown in this test report refer only to the sample(s) tested.

SGS Authorized Signature

SGS-CSTC Standards Technical Services Co., Ltd. Qingdao Branch

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TEST RESULT(S):

1) Overall migration

Simulant Used	Time	Temperature	Max. Permissible Limit	Test result(s)
10% Ethanol (V/V) aqueous solution	240.0hr(s)	40°C	10mg/dm ²	<3.0mg/dm ²
95% Ethanol (V/V) aqueous solution (Rectified olive oil substitute)	240.0hr(s)	40°C	10mg/dm ²	<3.0mg/dm ²
Isooctane (Rectified olive oil substitute)	48.0hr(s)	20°C	10mg/dm ²	<3.0mg/dm ²
Poly(2,6-diphenyl-p-phenylene oxide) (MPPO)	240.0hr(s)	40°C	/	<3.0mg/dm ²

Notes:

- Analytical tolerance of aqueous simulants is 1 mg/dm² or 6 mg/kg.
- Analytical tolerance of fatty food simulants is 3 mg/dm² or 20 mg/kg.
- Test condition & simulant were specified by client.

2) Specific migration of heavy metal

Simulant Used: 3% Acetic acid (W/V) aqueous solution

Test Condition: 40°C 240.0hr

Test item(s)	Max. Permissible Limit	Unit(s)	Method detection limit(s)	Test result(s)
Barium	1	mg/kg	0.25	Not detected
Cobalt	0.05	mg/kg	0.01	Not detected
Copper	5	mg/kg	0.25	Not detected
Iron	48	mg/kg	0.25	Not detected
Lithium	0.6	mg/kg	0.5	Not detected
Manganese	0.6	mg/kg	0.25	Not detected
Zinc	25	mg/kg	0.5	Not detected

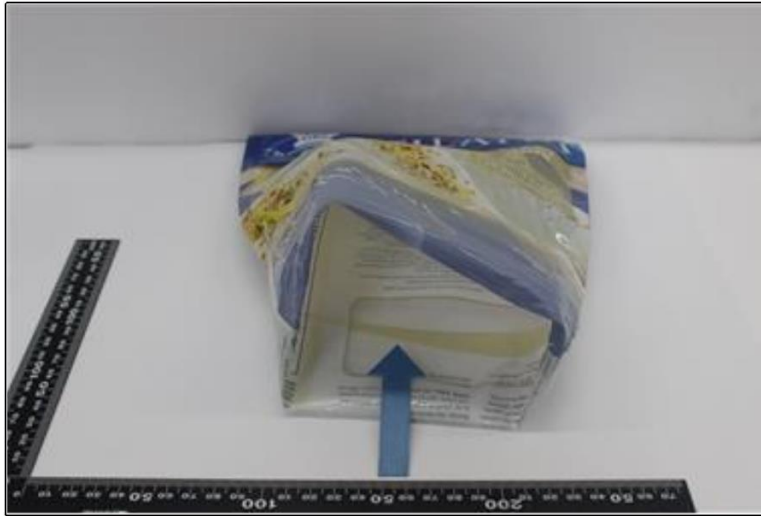
Notes: Test condition & simulant were specified by client.

Remark: The test was carried out by a SGS laboratory.

SAMPLE DESCRIPTION: Colorful plastic bag inside part



Sample photo



*** End of Report***