

Test Report No.: Q00102499b 001

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Client:**YORKWELL INDUSTRIES LTD.**Unit 6, 19/F., Seapower Centre, 73-77 Lei Muk Road,
Kwai Chung, N. T.,
Hong Kong**Manufactured for:****Test item(s):**

Commodity, contact with foodstuff

Material:

Stainless steel AISI304

**Identification/
Model No(s):**

SCREW

Sample Receiving date: 23 Aug. 2011**Delivery condition:** Apparent good, Samples tested as received**Test specification:****Test result:**

Selected tests for the suitability for contact with foodstuffs complied with the following regulations:

- EU GENERAL + GERMAN *

PASS**Other Information:**

*Based on: German §30 and §31 LFGB (Lebensmittel-, Bedarfsgegenstände- und Futtermittelgesetzbuch) and Regulation (EC) No 1935/2004

Test Period: 24 Aug. 2011 – 30 Aug. 2011

**For and on behalf of
TÜV Rheinland (Hong Kong) Ltd.**

05 Sep. 2011

Chuk Wong/Technical Expert

Date

Name/Position

*Test result is drawn according to the kind and extent of tests performed.**This test report relates to the a. m. test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any safety mark on this or similar products.*

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Material list:

Item: SCREW

Material No.	Material	Color	Location	Model No.	Supplier
1	Metal	Metal	Stainless steel AISI304 Screw		

Test Result**Specific Migration of metals, metal-release from other materials**

The testing of migration was performed with reference to Directive 82/711/EEC and Council Directive 85/572/EEC and its corresponding regulations.

The metal-release of a product was tested under the following conditions for migration:

food simulant	test duration/temperature
3% acetic acid	2 h / 100°C

The determination of the amounts of metal that were released is done via ICP-OES.

According to the test conditions (following § 64 LFGB B 80.03-1/2:1985) a transfer-rate of >100 µg/dm² for Nickel and >450 µg/dm² for Chromium is considered technically preventable. For Cobalt a value of 100 µg/dm² is assumed (Deutsche Lebensmittelrundschau/92. Jahrgang/Heft 3/1996/ "Metalllässigkeit von Bestecken aus nichtrostenden Stählen", M.Hausch).

The values for Cadmium, Lead and Copper are determined with reference to the "Council of Europe's policy statements concerning materials and articles intended to come into contact with foodstuffs; Guidelines on metals and alloys used as food contact materials (13.02.2002)".

Third migration

Test No.:	1		technically preventable limit
Material No.:	1		
Parameter	Unit	Result	
Lead	mg/dm ²	<0.01	0.01
Cadmium	mg/dm ²	<0.005	0.005
Chromium	mg/dm ²	<0.01	0.45
Nickel	mg/dm ²	<0.01	0.1
Copper	mg/dm ²	<0.01	0.5
Cobalt	mg/dm ²	<0.01	0.1
Zinc	mg/dm ²	<0.1	1.67

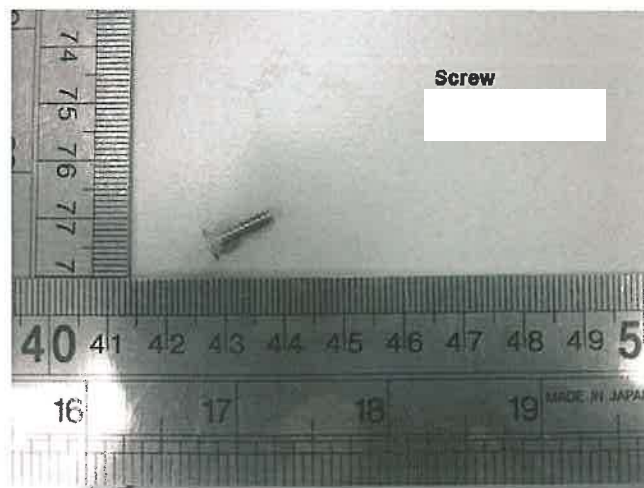
Abbreviation: mg/dm² denotes milligram per square decimeter
< denotes less than

The examined item meets the requirement.

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Sample Photo:



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