TÜVRheinland®
Precisely Right.

Test Report No.: 0144094834a 001

Client: **HENDI HK LTD.**
1603-5, 16/F, Tower II, Enterprise Square,
9 Sheung Yuet Road, Kowloon Bay,
Kowloon, Hong Kong

Buyer's name: **HENDI BV**

Test item(s): Scoop

Identification/ Model No(s): ALUMINUM SCOOP
ITEM NO.: 521205, 521304, 521403, 521502, 521601, 521809

Sample Receiving date: 2016-03-10

Delivery condition: *Apparent good, Samples tested as received*

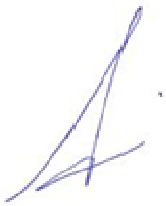
Test specification:	***Test result:***
Selected tests for the suitability for contact with foodstuffs complied with the following regulations: - Regulation (EC) no 1935/2004 on materials and articles intended to come into contact with food.	PASS

Other Information:

Testing period: 2016-03-15 – 2016-03-17

Information provided by client:
Country of Origin: China

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



2016-03-24 Jan Li / Senior Project Chemist
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.

Material List :

Item: ALUMINUM SCOOP
ITEM NO.: 521205, 521304, 521403, 521502, 521601, 521809

Material No.	Material	Color	Location
M001	Aluminium	Silvery	Functional part of scoop

Test Results

1. Sensorial Examination

Test method: It is examined to the extent of food simulant being used, which comes into contact with the product, undergoes detectable changes in taste and smell.

For this purpose, the food simulant was stored in the product under the below mentioned time and temperature. Afterwards, the food simulant was examined by an appropriate number of tasters with regard to any divergence in smell and taste. Another test sample, which was used as a reference, was treated by the same way except that it had no contact with the product to be tested.

Before testing, the product had been cleaned according to the product's instruction manual or in the absence of such manual, by normal household cleaning.

The test is carried out on the basis of ISO 13302 by paired comparison test:

Evaluation scheme:
0 = No discernible deviation
1 = Barely discernible deviation
2 = Weak deviation
3 = Clear deviation
4 = Strong deviation
Limit: 3 (failed)

The following simulating solvents and test conditions were stipulated:

food simulant	test duration/temperature
Water	30 mins at 40°C

Test No:	T001	Limit
Material No.:	M001	
Parameter	Result (Average)	
transfer of smell into foodstuffs	1.5	<3
transfer of taste into foodstuffs	1.5	<3

The submitted product is inconspicuous with regard to the transfer of smell and taste to the food simulant.

2. Specific Release of Metals

Test method: The sample preparation is performed with reference to "Technical Guide on Metals and alloys used in food contact materials". Test conditions were chosen with reference to Directive 82/711/EEC, Council Directive 85/572/EEC and its corresponding regulations. The determination of amounts of metals that were released is done via ICP-OES and ICP-MS with reference to ISO 11885:2007 / DIN EN ISO 17294, respectively.

Limit: Technical Guide on Metals and alloys used in food contact materials

The following food simulant and condition was applied:

Food simulant	**Test duration / Temperature**
0.5% Citric acid	30 mins at 40°C

Test No.:		T001			
Material No.:		M001			
Volume to surface area ratio		306 ml / dm²			
		Sum 1st + 2nd test		**3rd test**	
Parameter	**Unit**	**Result**	**Limits (*2)**	**Result**	**Limits (*1)**
Silver (Ag)	mg/kg	< 0.1	0.56	< 0.05	0.08
Aluminum (Al)	mg/kg	< 1	35	< 0.1	5
Cobalt (Co)	mg/kg	< 0.05	0.14	< 0.01	0.02
Chromium (Cr)	mg/kg	< 0.1	1.75	< 0.1	0.25
Copper (Cu)	mg/kg	< 1	28	< 0.1	4
Iron (Fe)	mg/kg	< 1	280	< 1	40
Manganese (Mn)	mg/kg	< 0.5	12.6	< 0.1	1.8
Molybdenum (Mo)	mg/kg	< 0.05	0.84	< 0.02	0.12
Nickel (Ni)	mg/kg	< 0.05	0.98	< 0.05	0.14
Tin (Sn)	mg/kg	< 1	700	< 1	100
Vanadium (V)	mg/kg	< 0.05	0.07	< 0.01	0.01
Zinc (Zn)	mg/kg	< 1	35	< 1	5
Arsenic (As)	mg/kg	< 0.005	0.014	< 0.002	0.002
Barium (Ba)	mg/kg	< 0.5	8.4	< 0.1	1.2
Beryllium (Be)	mg/kg	< 0.01	0.07	< 0.01	0.01
Cadmium (Cd)	mg/kg	< 0.01	0.035	< 0.005	0.005
Mercury (Hg)	mg/kg	< 0.01	0.021	< 0.003	0.003
Lithium (Li)	mg/kg	< 0.05	0.336	< 0.02	0.048
Lead (Pb)	mg/kg	< 0.01	0.07	< 0.01	0.01
Antimony (Sb)	mg/kg	< 0.05	0.28	< 0.02	0.04
Thallium (Tl)	mg/kg	< 0.0005	0.0007	< 0.0001	0.0001

Abbreviations: mg/kg = milligram per kilogram
< = less than

Remark:

*1 Compliance is established on the findings on the third test for products intended for repeated use.

*2 In addition, the sum of each metal in the first and second test should not exceed the sevenfold limit.

*3 The examined item meets the requirement.

Sample photo:

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