

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

Product Name : Stainless Steel Straw

Model : 6mm

Material : 304 stainless steel

Description : Gold

Manufacturer

Address

Date of Sample Received

Test period

Test requested:

In accordance with material which contact with foodstuff, selected tests were performed for compliant with the following regulations:

-Regulation 1935/2004/EC On materials and articles intended to come into contact with food;

-German Food, Article of Daily Use and Feed Code of September 1, 2005 (LFGB), section 30 & 31.

Conclusion:

Pass

Test method : Please refer to next page.

Test result : Please refer to next page.

Tested by:

Sarah Chen

Sarah Chen

Reviewed by:

Grace Lin

Grace Liu

Approved by:

Caby Yang

Caby Yang
(Signed for and on behalf)

Date:

May. 12, 2021



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Dongguan NTEK Testing Technology Co., Ltd.

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Test Results:

1. Sensorial Examination odour and taste test:

It is examined to what extent food simulant, which comes into contact with the product, undergoes detectable changes in taste and smell. For this purpose the product is immersed in the water under conditions stated below. After this time the food simulant is examined by 5 tasters with regard to any divergence in smell and taste. Another test sample, which is used as a reference, is treated the same way except that it has no contact with the product to be tested.

Method: With reference to DIN 10955:2004.

Test Items	Simulation solvents and test conditions	Limit	Result	Conclusion
Odour	DI water, 70°C, 2h,	2.5	0	Pass
Taste	DI water, 70°C, 2h,	2.5	0	Pass

Evaluation scheme for the transfer of taste and smell:

0=no discernible deviation

1=barely discernible deviation

2=weak deviation

3=clear deviation

4=strong deviation

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2.Extractable Heavy metals test (Unit: mg/kg):

Method: With reference to BS EN 13130-1:2004, determined by ICP-OES.

Test conditions: 0.5% citric acid, 70°C, 2h

Soluble Element	Results (No.1)		MDL	Limit		Conclusion
	Migration of 1 st +2 nd	Migration of 3 rd		Migration of 1 st +2 nd	Migration of 3 rd	
Aluminum (Al)	N.D.	N.D.	0.2	35.0	5.0	Pass
Antimony (Sb)	N.D.	N.D.	0.02	0.28	0.04	Pass
Chromium (Cr)	N.D.	N.D.	0.10	1.75	0.25	Pass
Cobalt (Co)	N.D.	N.D.	0.01	0.14	0.02	Pass
Copper (Cu)	N.D.	N.D.	0.5	28.0	4.0	Pass
Ferrum (Fe)	N.D.	N.D.	5.0	280.0	40.0	Pass
Manganese (Mn)	N.D.	N.D.	0.2	12.6	1.8	Pass
Molybdenum (Mo)	N.D.	N.D.	0.02	0.84	0.12	Pass
Nickle (Ni)	0.17	0.03	0.02	0.98	0.14	Pass
Silver (Ag)	N.D.	N.D.	0.02	0.56	0.08	Pass
Tin (Sn)	N.D.	N.D.	5.0	700.0	100	Pass
Vanadium (V)	N.D.	N.D.	0.005	0.07	0.01	Pass
Zinc (Zn)	N.D.	N.D.	1.0	35.0	5.0	Pass
Arsenic (As)	N.D.	N.D.	0.001	0.014	0.002	Pass
Barium (Ba)	N.D.	N.D.	0.2	8.4	1.2	Pass
Beryllium (Be)	N.D.	N.D.	0.005	0.07	0.01	Pass
Cadmium (Cd)	N.D.	N.D.	0.002	0.035	0.005	Pass
Lead (Pb)	N.D.	N.D.	0.002	0.070	0.010	Pass
Lithium (Li)	N.D.	N.D.	0.010	0.336	0.048	Pass
Mercury (Hg)	N.D.	N.D.	0.002	0.021	0.003	Pass
Thallium (Tl)	N.D.	N.D.	0.0001	0.0007	0.0001	Pass
Magnesium (Mg)	N.D.	N.D.	1.0	---	---	---
Titanium (Ti)	N.D.	N.D.	1.0	---	---	---

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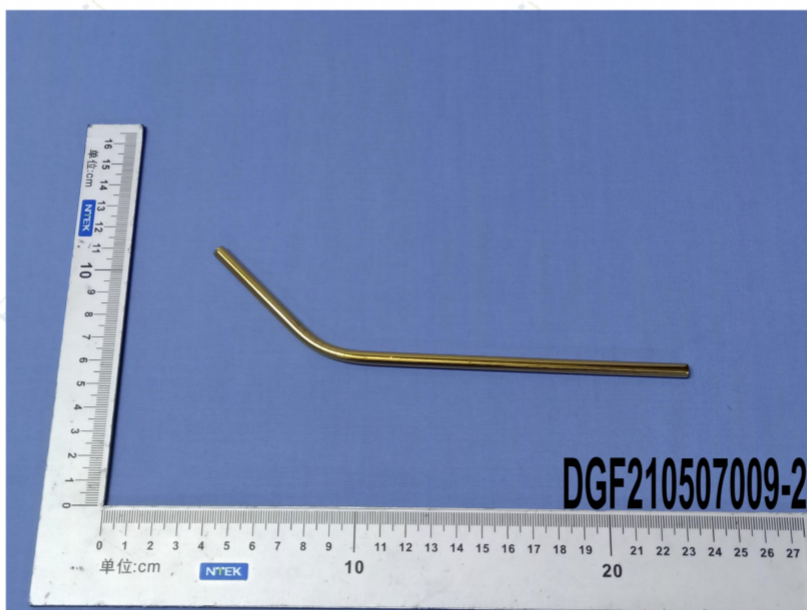
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Test Part Description:

No.1: Stainless steel straw (golden metal)

Note:

- (1) mg/kg=ppm=0.0001%;
- (2) N.D.=Not Detected(<MDL);
- (3) MDL=Method Detection Limit.

Photographs of Samples:

Tested sample

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Reference photo

End of Report

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