TEST REPORT

APPLICANT	:	**NINGBO BRIGHT MAX CO.,LTD.**
ADDRESS	:	7F,NO.1 BUILDING,HI-TECH SCIENCE AND TECHNOLOGY SQUARE,NO.1498 JIANGNAN ROAD, NINGBO, CHINA 315040.
SAMPLE DESCRIPTION	:	TELESCOPIC STICKS FOR SAUSAGES
STYLE /MODEL NO.	:	791751
AGE REQUESTED ON APPLICATION FORM	:	NOT PRESENT
SAMPLE RECEIVED DATE	:	NOV. 02, 2018
TEST PERIOD	:	NOV. 02, 2018 TO NOV. 07, 2018
RESULT SUMMARY	:	

TEST(S) REQUESTED BY APPLICANT:	**RESULT**
- Selected tests for the suitability for contact with foodstuffs compliant with the following regulations: - Regulation (EC) No 1935/2004. - Council of Europe Resolution CM/Res(2013)9. - German § 30 and § 31 LFGB. (Lebensmittel-, Bedarfsgegenstände- und Futtermittelgesetzbuch)	PASS

**********FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S)**********

SIGNED FOR AND ON BEHALF OF
EUROFINS TESTING TECHNOLOGY (SHENZHEN) CO. LTD.

Harry Chen
Lab & Technical Support Manager

Coco Luo
Lab & Reporting Manager

Material list

Testing material No.	Component	Material	Color
1	Whole product	-	-
2	Telescopic sticks	SUS304	Silvery

Test Result:

Sensorial Examination

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 food simulant is stored in the product for the below mentioned time and temperature. After this time the food simulant is examined by an appropriate number of 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.

Before testing, the product has been cleaned three times with hot water (60°C).

The test is carried out on the basis of DIN 10955:2004.

Assessment intensity scale for the transfer of taste and smell:
0 = no discernible deviation
1 = barely discernible deviation
2 = weak deviation
3 = clear deviation
4 = strong deviation

Limit : 3

Test condition :

Food simulant	Test duration/temperature
Distilled water	2 hours / 100°C

Test Sample	1
Parameter	**Test result**
Smell	0
Taste	0

Note: - The submitted product is inconspicuous with regard to the transfer of smell and taste bearing substances to the used food simulant(s).

TO BE CONTINUED

Specific Migration of Heavy 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 Europe Resolution CM/Res(2013)9, commission regulation (EU) No 10/2011 and its corresponding regulations.
The determination of amounts of metals that were released is done via ICP-MS with reference to EPA 6020B: 2014.

Limit : Technical Guide on Metals and alloys used in food contact materials, Supplementing Council of Europe Resolution CM/Res(2013)9.

Test condition :

Food simulant	Test duration/temperature
5 g/L citric acid	2 hours / 100°C

Test Sample		2			
Parameter	Unit	Sum 1st + 2nd migration		3rd migration	
		Test result	Limit (^3)	Test result	Limit (^2)
Silver (Ag)	mg/kg	<0.05	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	<0.5	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	<0.01	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
Antimony (Sb)	mg/kg	<0.01	0.28	<0.01	0.04
Arsenic (As)	mg/kg	<0.014	0.014	<0.001	0.002
Barium (Ba)	mg/kg	<0.05	8.4	<0.1	1.2
Beryllium (Be)	mg/kg	<0.01	0.07	<0.001	0.01
Cadmium (Cd)	mg/kg	<0.01	0.035	<0.001	0.005
Mercury (Hg)	mg/kg	<0.01	0.021	<0.003	0.003
Lithium (Li)	mg/kg	<0.05	0.336	<0.01	0.048
Lead (Pb)	mg/kg	<0.01	0.07	<0.01	0.01
Thallium (Tl)	mg/kg	<0.0005	0.0007	<0.0001	0.0001
Magnesium(Mg)	mg/kg	<0.01	-^4	<0.01	-^4
Titanium(Ti)	mg/kg	<0.01	-^4	<0.01	-^4

Note: - 1 mg/kg = 1 ppm = 0.0001%
- °C = degree Celsius
- < = less than

Remark:

(^2) Compliance is established on the findings on the third migration test for products intended for repeated use.

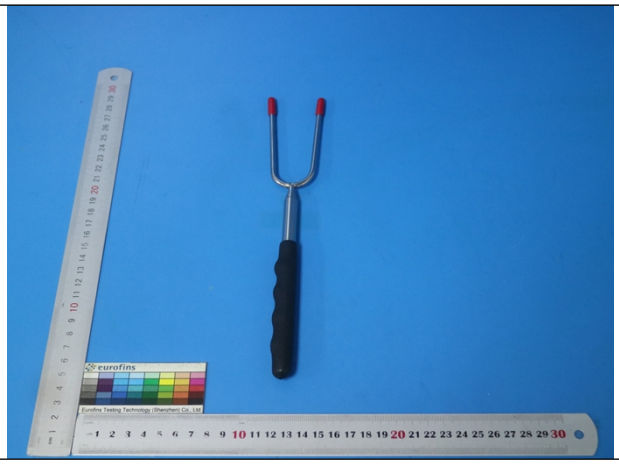
(^3) In addition, the sum of each metal in the first and second migration test should not exceed the sevenfold limit.

(^4) Deriving an SRL was unnecessary.

TO BE CONTINUED

Other Information / Remark:

N/A

Photo Attachment
TELESCOPIC STICKS FOR SAUSAGES


END OF THE REPORT