

# TEST REPORT

**APPLICANT** : SIER DISPOSABLES BV  
**ADDRESS** : KRYPTONSTRAAT 8, 6718 WR EDE  
**SAMPLE DESCRIPTION** : PAPER STRAWS  
**STYLE / ITEM NO.** : STRAIGHT FLEXIBEL  
**MATERIAL NO.** : 20606 / 20610 / 20614 / 20618 / 20622 / 20630 /  
 20634 / 20640 / 20644 / 20648 / 22604 / 22608 /  
 22612 / 22620 / 22628 / 22632 / 22640  
**MATERIAL** : PAPER  
**BUYER** : SIER DISPOSABLES BV  
**COUNTRY OF ORIGIN** : CHINA  
**AGE REQUESTED ON APPLICATION FORM** : NOT PRESENT  
**SAMPLE RECEIVED DATE** : JUN. 06, 2019  
**TEST PERIOD** : JUN. 19, 2019 TO JUL. 01, 2019  
**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. - European Council Resolution ResAP (2002)1	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

This test report is valid for the tested samples only. 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 1	20618	Item 6	20648
Item 2	20622	Item 7	20640
Item 3	20614	Item 8	20634
Item 4	20606	Item 9	20644
Item 5	20610	Item 10	20630

Testing material No.	Component	Material	Colour	Item No.
1	Straw	Paper/ Printing	White/ Brown	1/2
2	Straw	Paper/ Printing	White/ Black	3/4/5
3	Straw	Paper/ Printing	White/ Kelly green and deep green	6
4	Straw	Paper/ Printing	White/ Red	7
5	Straw	Paper/ Printing	White/ Yellow	7
6	Straw	Paper/ Printing	White/ Blue	7
7	Straw	Paper/ Printing	White/ Purple	7
8	Straw	Paper/ Printing	White/ Green	7
9	Straw	Paper/ Printing	White/ Red	8
10	Straw	Paper/ Printing	White/ Yellow	8
11	Straw	Paper/ Printing	White/ Blue	8
12	Straw	Paper/ Printing	White/ Purple	8
13	Straw	Paper/ Printing	White/ Green	8
14	Straw	Paper/ Printing	White/ Black	9
15	Straw	Paper/ Printing	White/ Red and blue	10

TO BE CONTINUED

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**Test Result:**
**Extractable Heavy Metals Content (Pb, Cd, Hg)**

Test method : Cadmium, Lead according to EN 645:1993, EN 12498: 2005;  
Mercury according to EN 645:1993, EN 12497: 2005.

Limit according to European Council Resolution ResAP (2002)1.

Test Sample		1	2	3	Detection limit	Limit
Parameter	Unit	Test result	Test result	Test result		
Cadmium (Cd)	mg/dm <sup>2</sup>	N.D.	N.D.	N.D.	0.001	0.002
Lead (Pb)	mg/dm <sup>2</sup>	N.D.	N.D.	N.D.	0.001	0.003
Mercury (Hg)	mg/dm <sup>2</sup>	N.D.	N.D.	N.D.	0.001	0.002

Test Sample		4	5	6	Detection limit	Limit
Parameter	Unit	Test result	Test result	Test result		
Cadmium (Cd)	mg/dm <sup>2</sup>	N.D.	N.D.	N.D.	0.001	0.002
Lead (Pb)	mg/dm <sup>2</sup>	N.D.	N.D.	N.D.	0.001	0.003
Mercury (Hg)	mg/dm <sup>2</sup>	N.D.	N.D.	N.D.	0.001	0.002

Test Sample		7	8	9	Detection limit	Limit
Parameter	Unit	Test result	Test result	Test result		
Cadmium (Cd)	mg/dm <sup>2</sup>	N.D.	N.D.	N.D.	0.001	0.002
Lead (Pb)	mg/dm <sup>2</sup>	N.D.	N.D.	N.D.	0.001	0.003
Mercury (Hg)	mg/dm <sup>2</sup>	N.D.	N.D.	N.D.	0.001	0.002

Test Sample		10	11	12	Detection limit	Limit
Parameter	Unit	Test result	Test result	Test result		
Cadmium (Cd)	mg/dm <sup>2</sup>	N.D.	N.D.	N.D.	0.001	0.002
Lead (Pb)	mg/dm <sup>2</sup>	N.D.	N.D.	N.D.	0.001	0.003
Mercury (Hg)	mg/dm <sup>2</sup>	N.D.	N.D.	N.D.	0.001	0.002

Test Sample		13	14	15	Detection limit	Limit
Parameter	Unit	Test result	Test result	Test result		
Cadmium (Cd)	mg/dm <sup>2</sup>	N.D.	N.D.	N.D.	0.001	0.002
Lead (Pb)	mg/dm <sup>2</sup>	N.D.	N.D.	N.D.	0.001	0.003
Mercury (Hg)	mg/dm <sup>2</sup>	N.D.	N.D.	N.D.	0.001	0.002

Note: - mg/dm<sup>2</sup> = milligram per square decimetre  
- N.D. = Not Detected

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### Pentachlorophenol

Test method : EN 645:1993; EN ISO 15320:2011.

Limit according to European Council Resolution ResAP (2002)1

Test Sample		1	2	3	Detection limit	Limit
Parameter	Unit	Test result	Test result	Test result		
Pentachlorophenol (PCP)	mg/kg	N.D.	N.D.	N.D.	0.1	0.15

Test Sample		4	5	6	Detection limit	Limit
Parameter	Unit	Test result	Test result	Test result		
Pentachlorophenol (PCP)	mg/kg	N.D.	N.D.	N.D.	0.1	0.15

Test Sample		7	8	9	Detection limit	Limit
Parameter	Unit	Test result	Test result	Test result		
Pentachlorophenol (PCP)	mg/kg	N.D.	N.D.	N.D.	0.1	0.15

Test Sample		10	11	12	Detection limit	Limit
Parameter	Unit	Test result	Test result	Test result		
Pentachlorophenol (PCP)	mg/kg	N.D.	N.D.	N.D.	0.1	0.15

Test Sample		13	14	15	Detection limit	Limit
Parameter	Unit	Test result	Test result	Test result		
Pentachlorophenol (PCP)	mg/kg	N.D.	N.D.	N.D.	0.1	0.15

Note: - 1 mg/kg = 1 ppm = 0.0001%

- °C = degree Celsius

- N.D. = Not Detected

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**Transfer of Antimicrobial Agents(#3)**

Test method : EN 1104: 2018.

Limit : Absence of inhibition zone - according to European Council Resolution ResAP (2002)1

Test Bacteria#1	Test Method(s)	Unit	Test Result(s)#2		Limit	Result determination
			20618	20622		
Bacillus subtilis (ATCC6633)	EN 1104:2018	/	Absent	Absent	Absence of inhibition zone	PASS
Aspergillus niger (ATCC6275)						

Test Bacteria#1	Test Method(s)	Unit	Test Result(s)#2		Limit	Result determination
			20614	20606		
Bacillus subtilis (ATCC6633)	EN 1104:2018	/	Absent	Absent	Absence of inhibition zone	PASS
Aspergillus niger (ATCC6275)						

Test Bacteria#1	Test Method(s)	Unit	Test Result(s)#2		Limit	Result determination
			20610	20648		
Bacillus subtilis (ATCC6633)	EN 1104:2018	/	Absent	Absent	Absence of inhibition zone	PASS
Aspergillus niger (ATCC6275)						

Test Bacteria#1	Test Method(s)	Unit	Test Result(s)#2		Limit	Result determination
			20640 (green)	20640 (gules)		
Bacillus subtilis (ATCC6633)	EN 1104:2018	/	Absent	Absent	Absence of inhibition zone	PASS
Aspergillus niger (ATCC6275)						

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Test Bacteria#1	Test Method(s)	Unit	Test Result(s)#2		Limit	Result determination
			20640 (yellow)	20640 (blue)		
Bacillus subtilis (ATCC6633)	EN 1104:2018	/	Absent	Absent	Absence of inhibition zone	PASS
Aspergillus niger (ATCC6275)						

Test Bacteria#1	Test Method(s)	Unit	Test Result(s)#2		Limit	Result determination
			20640 (Violet)	20634 (Stripe Blue)		
Bacillus subtilis (ATCC6633)	EN 1104:2018	/	Absent	Absent	Absence of inhibition zone	PASS
Aspergillus niger (ATCC6275)						

Test Bacteria#1	Test Method(s)	Unit	Test Result(s)#2		Limit	Result determination
			20634 (Stripe red)	20634 (Stripe violet)		
Bacillus subtilis (ATCC6633)	EN 1104:2018	/	Absent	Absent	Absence of inhibition zone	PASS
Aspergillus niger (ATCC6275)						

Test Bacteria#1	Test Method(s)	Unit	Test Result(s)#2		Limit	Result determination
			20634 (Stripe yellow)	20634 (Stripe green)		
Bacillus subtilis (ATCC6633)	EN 1104:2018	/	Absent	Absent	Absence of inhibition zone	PASS
Aspergillus niger (ATCC6275)						

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Test Bacteria#1	Test Method(s)	Unit	Test Result(s)#2		Limit	Result determination
			20644	20630		
Bacillus subtilis (ATCC6633)	EN 1104:2018	/	Absent	Absent	Absence of inhibition zone	PASS
Aspergillus niger (ATCC6275)						

Note: #1 Bacteria Count of Bacillus subtilis(ATCC6633) is  $9.0 \times 10^4$  cfu/mL, Bacteria Count of Aspergillus niger(ATCC6275) is  $1.6 \times 10^5$  cfu/mL

#2 Antimicrobial susceptibility(mm):0

The diameter of bacteriostasis ring was 0mm in the negative control group.

#3 The result was subcontracted to lab: C014.

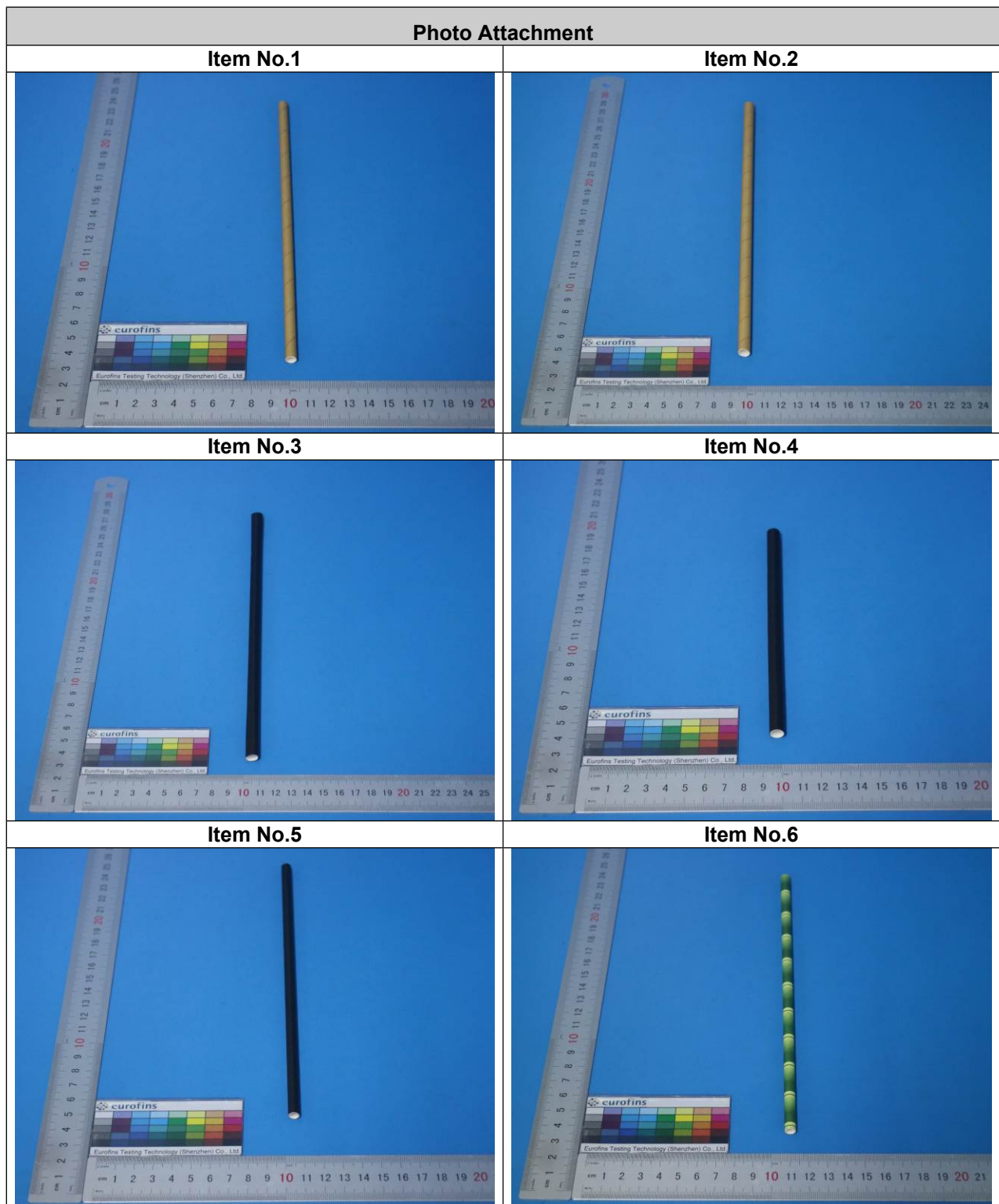
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**Other Information / Remark:**

- (1) Replacement of report (No: EFSN19060226C-C). Upon receipt of this report, the previous report (No: EFSN19060226C-C) will be invalid immediately.
- (2) Revision history: Revise buyer.

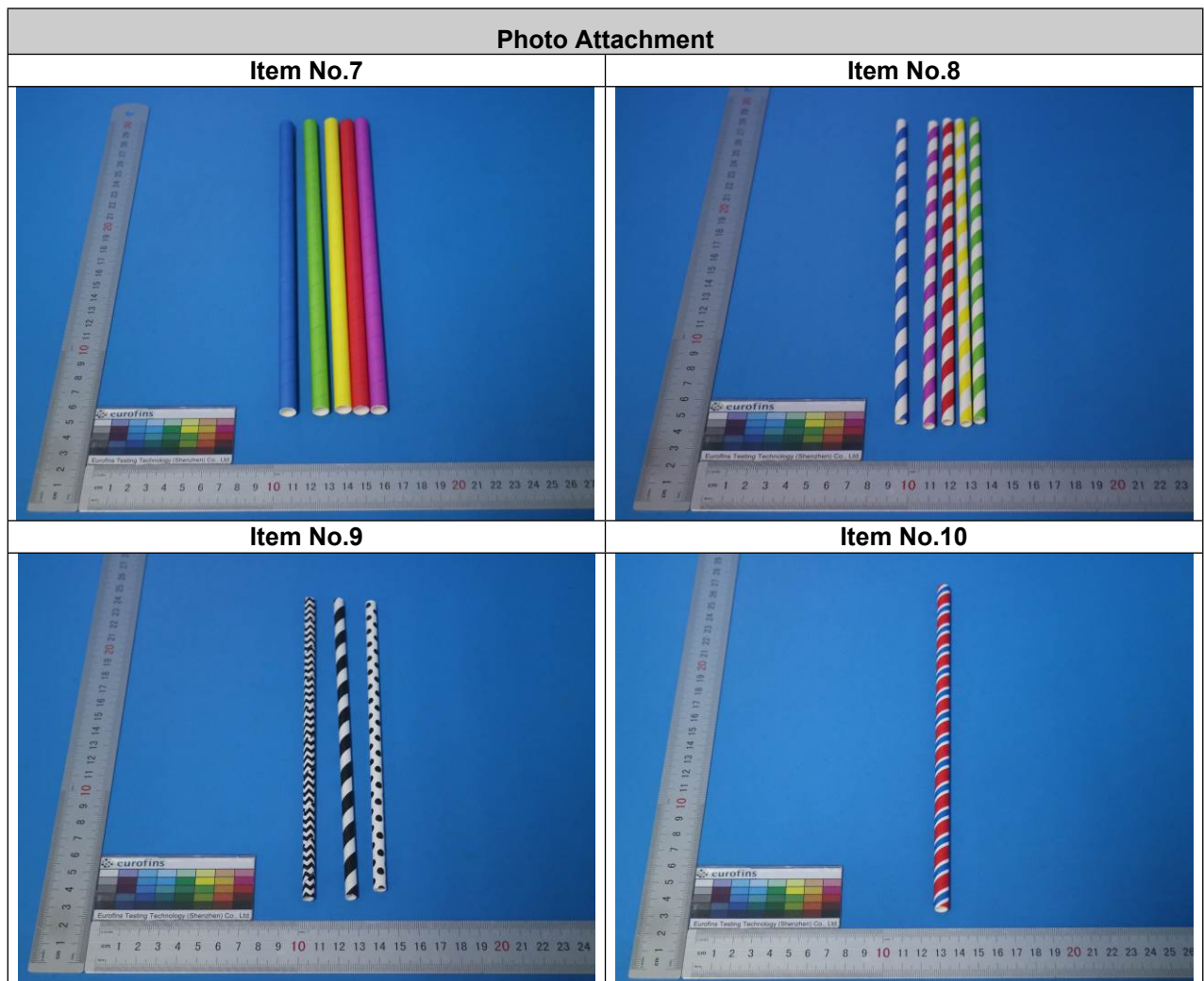


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\*\*\*END OF THE REPORT\*\*\*