

## TEST REPORT

**APPLICANT** : SIER DISPOSABLES  
**ADDRESS** : DA VINCILAAN 49 6716 WC EDE  
**TESTED SAMPLE DESCRIPTION** : BAGASTRO  
**TESTED ITEM NO.** : N/A  
**MATERIAL** : SUGARCANE PULP + WOOD PULP  
**COUNTRY OF ORIGIN** : CHINA  
**AGE REQUESTED ON APPLICATION FORM** : NOT PRESENT  
**SAMPLE RECEIVED DATE** : APR. 08, 2020  
**TEST PERIOD** : APR. 08, 2020 TO APR. 21, 2020  
**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. - French Décret 2007-766. - French DGCCRF DM/4B/COM/004	PASS
- Determining the amount of net chloroform soluble extractives - US FDA 21 CFR 176.170	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

The above sample(s) and sample information was/were submitted and identified on behalf of the applicant.  
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**

Testing material No.	Component	Material	Colour
1	Cup, plate and dish	Paper	White

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

Test method : Cadmium, Lead according to EN 647:1994, EN 12498: 2005;  
Mercury according to EN 647:1994, EN 12497: 2005.

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

Testing Material No.		1	Detection limit	Limit
Parameter	Unit	Test result		
Cadmium (Cd)	mg/dm <sup>2</sup>	N.D.	0.001	0.002
Lead (Pb)	mg/dm <sup>2</sup>	N.D.	0.001	0.003
Mercury (Hg)	mg/dm <sup>2</sup>	N.D.	0.001	0.002

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

**Extractable Formaldehyde**

Test method : EN 647:1994; EN 1541:2001.

Limit according to the French DGCCRF DM/4B/COM/004.

Testing Material No.		1	Detection limit	Limit
Parameter	Unit	Test result		
Formaldehyde	mg/dm <sup>2</sup>	N.D.	0.1	1

Note: - 1 mg/dm<sup>2</sup> = milligram per square decimetre  
- N.D. = Not Detected

TO BE CONTINUED

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**Extractable Glyoxal**

Test method : EN 647:1994.

Limit according to the French DGCCRF DM/4B/COM/004.

Testing Material No.		1	Detection limit	Limit
Parameter	Unit	Test result		
Glyoxal	mg/dm <sup>2</sup>	N.D.	1.5	1.5

 Note: - 1 mg/dm<sup>2</sup> = milligram per square decimetre  
 - N.D. = Not Detected

**Pentachlorophenol**

Test method : EN 647:1994; EN ISO 15320:2011.

Limit according to the Council of Europe Resolution AP (2002)1.

Testing Material No.		1	Detection limit	Limit
Parameter	Unit	Test result		
Pentachlorophenol (PCP)	mg/kg	N.D.	0.1	0.15

 Note: - 1 mg/kg = 1 ppm = 0.0001%  
 - N.D. = Not Detected

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**Transfer of Antimicrobial Agents<sup>(#3)</sup>**

Test method : EN 1104:2018

Limit : Absence of inhibition zone- according to European Council Resolution ResAP (2002)1 &amp; the French DGCCRF DM/4B/COM/004.

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

Note: #1 Bacteria Count of Bacillus subtilis(ATCC6633) is  $8.6 \times 10^4$  cfu/mL, Bacteria Count of Aspergillus niger(ATCC6275) is  $1.7 \times 10^5$  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.

**Determining the amount of net chloroform soluble extractives - US FDA 21 CFR 176.170**

Test method and limit with reference to US FDA 21 CFR 176.170.

Testing material No.		1	Detection Limit (mg/inch <sup>2</sup> )	Limit (mg/inch <sup>2</sup> )
Extractant	Test condition	Test result (mg/inch <sup>2</sup> )		
Distilled water	2 hours / 150°F	N.D.	0.1	0.5
n-Heptane	30 minutes / 100°F	N.D.	0.1	0.5

Note: - mg/inch<sup>2</sup> = milligram per square inch

- °F = degrees Fahrenheit

- N.D. = Not Detected

**Other Information / Remark:**

(1)The test item was specified by client.

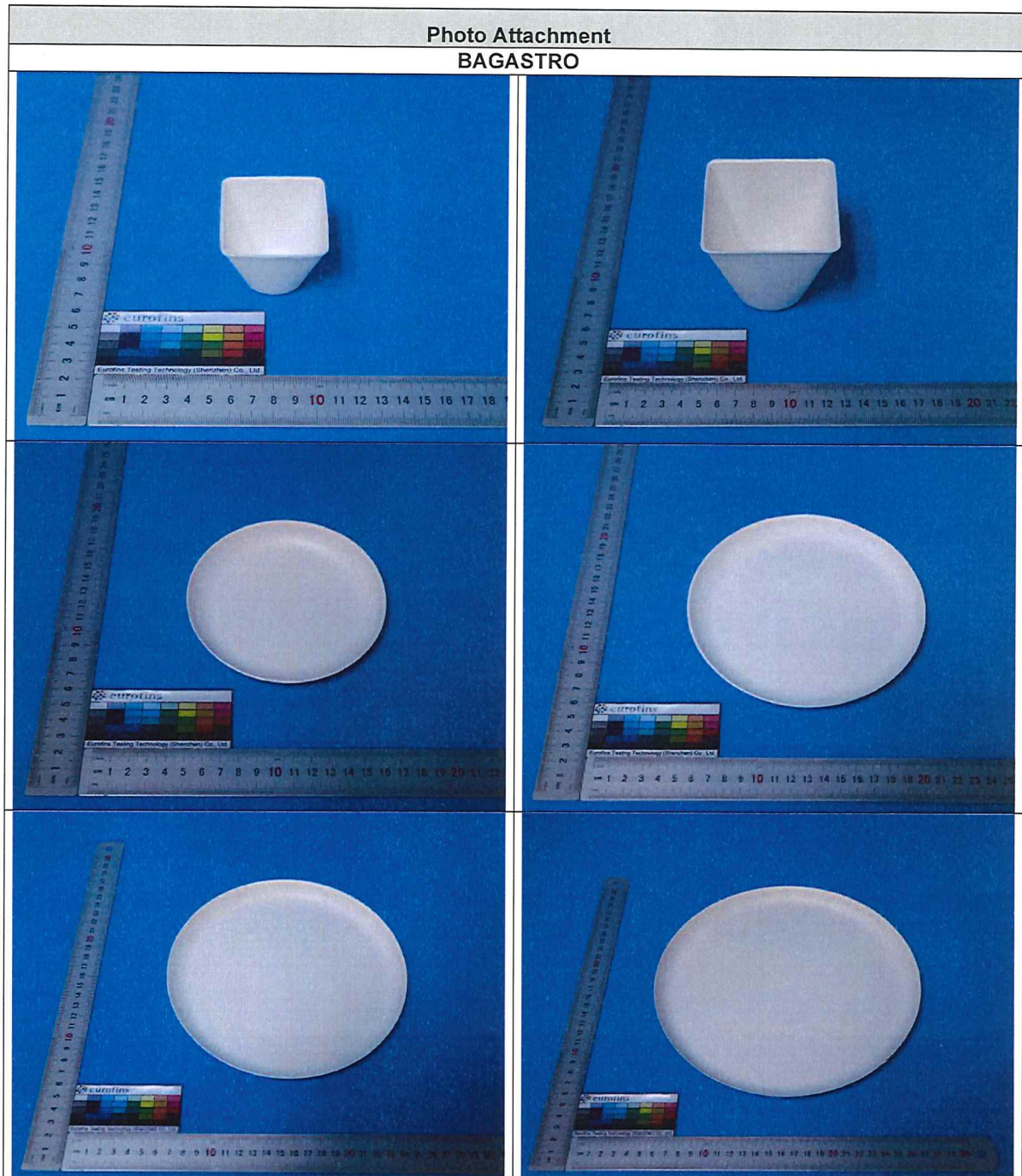
(2)Food contact area to food simulant (S/V in dm<sup>2</sup>/ L): Material No. 1 (6:1)

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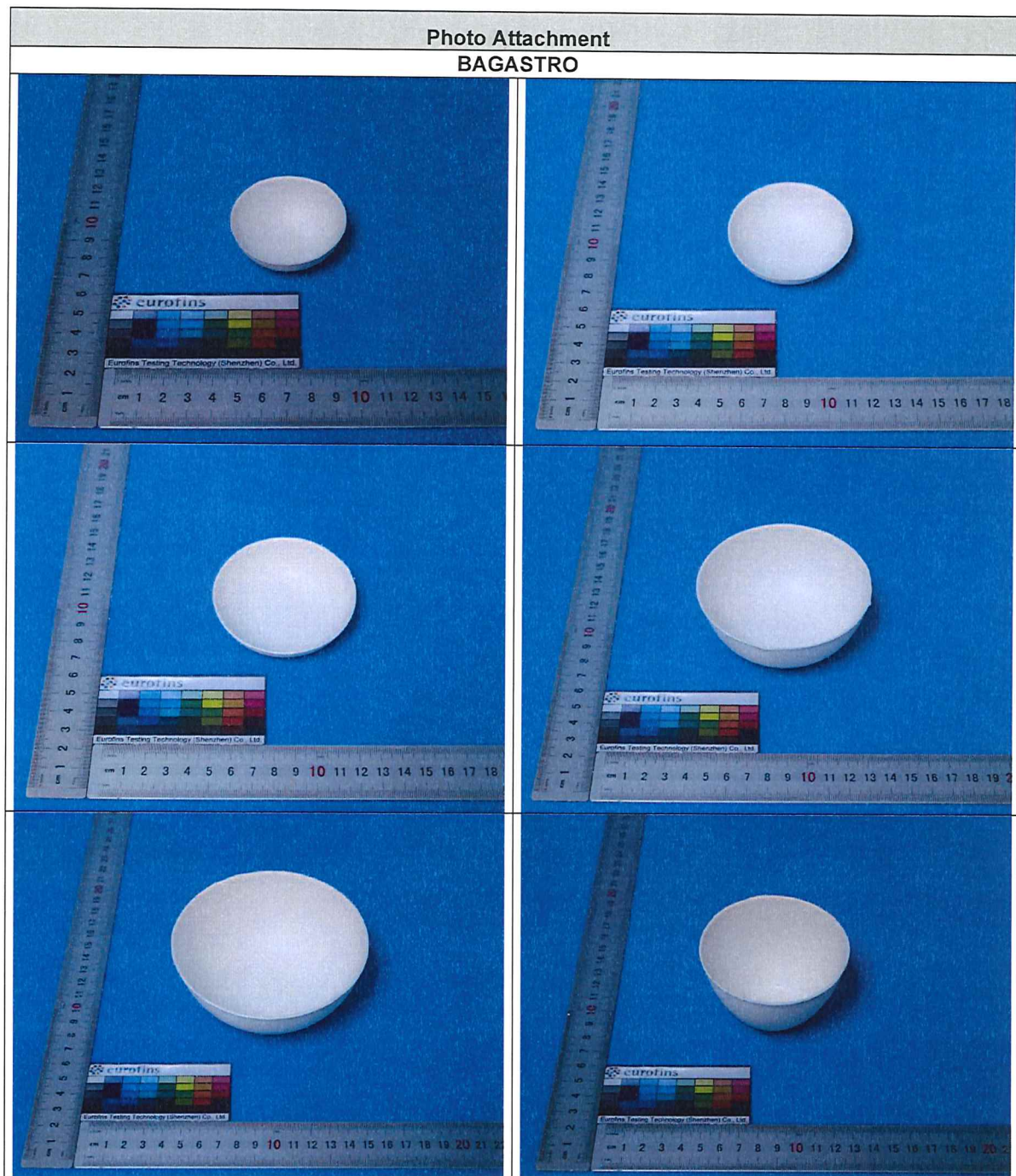


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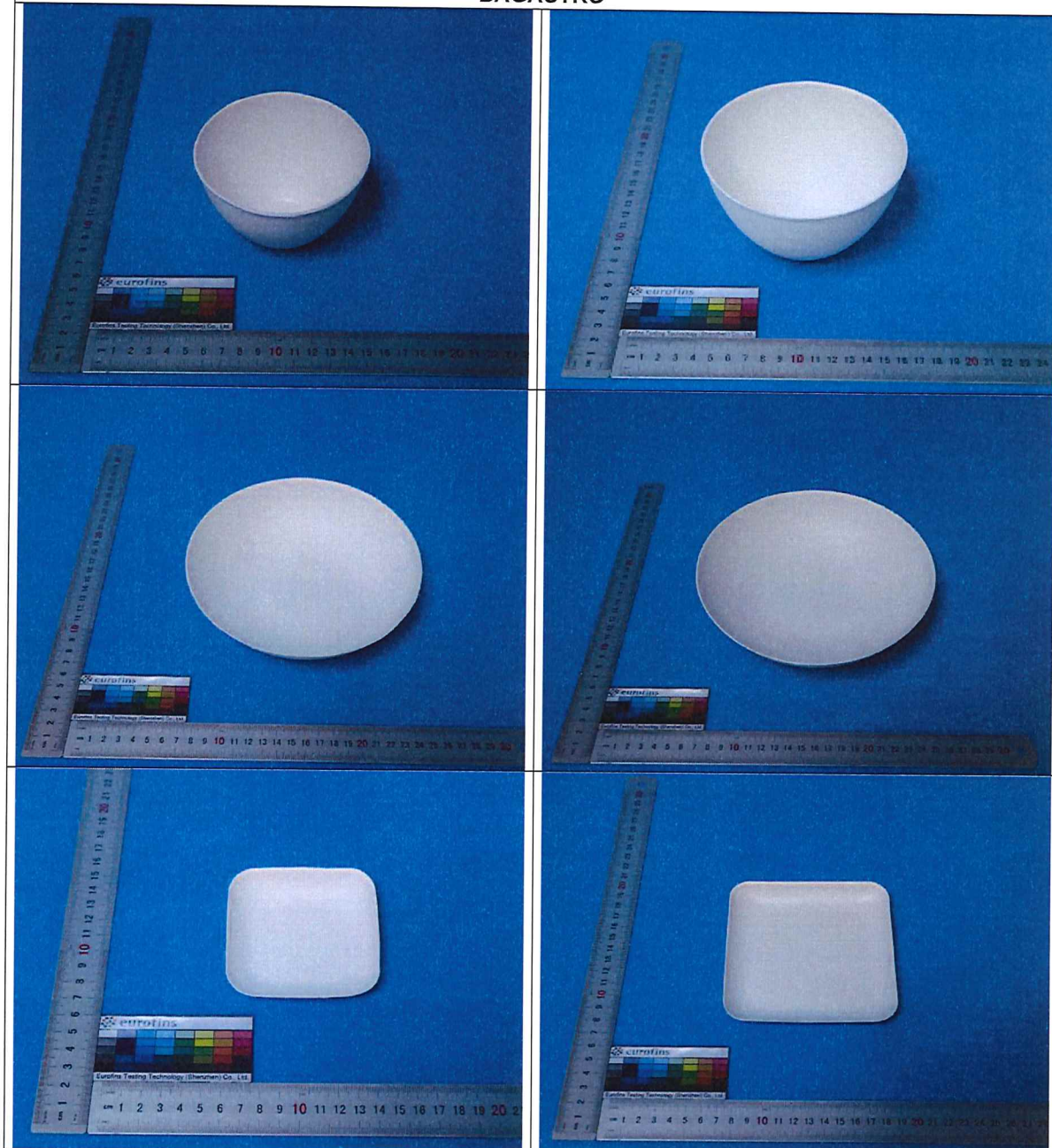


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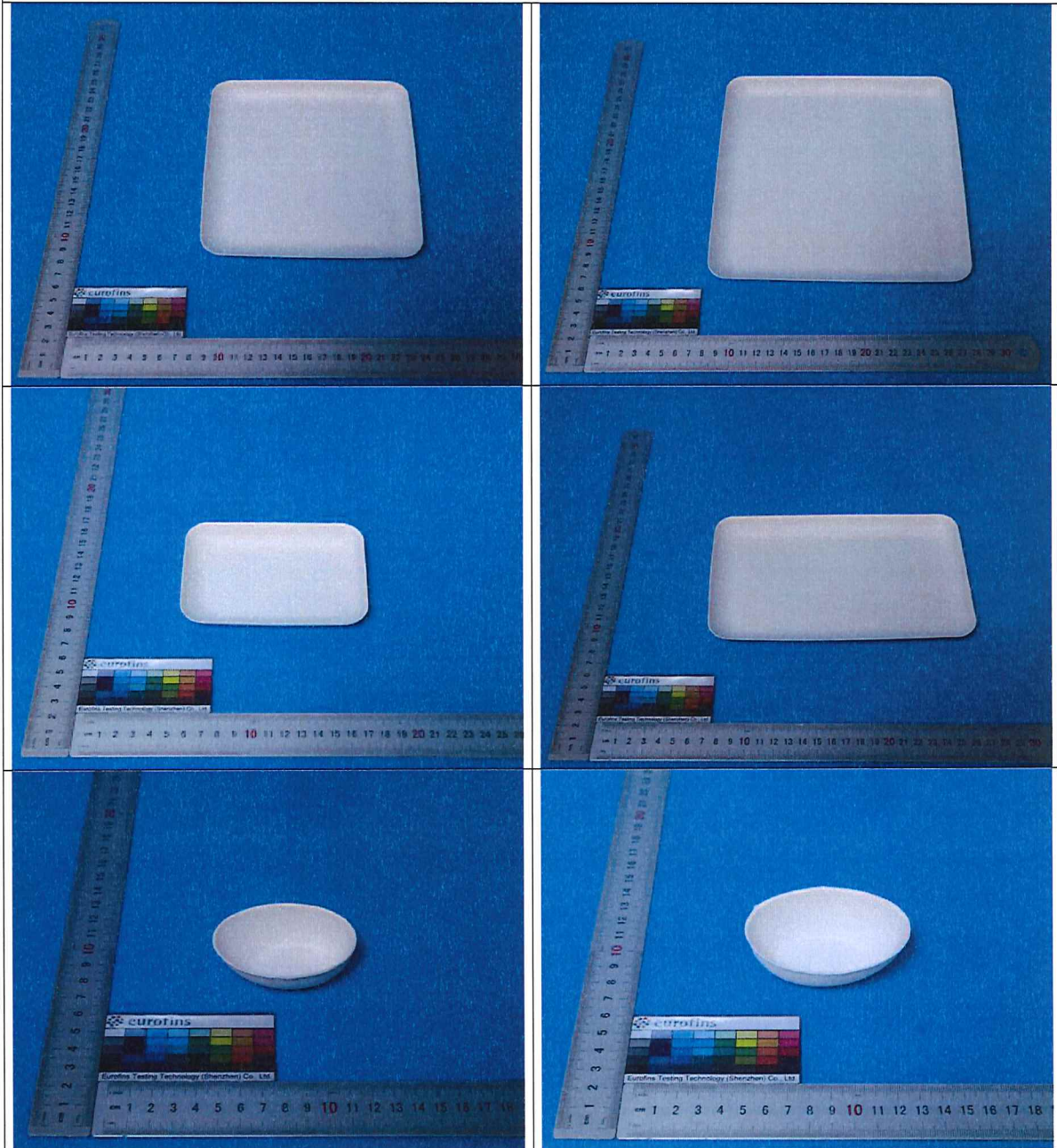
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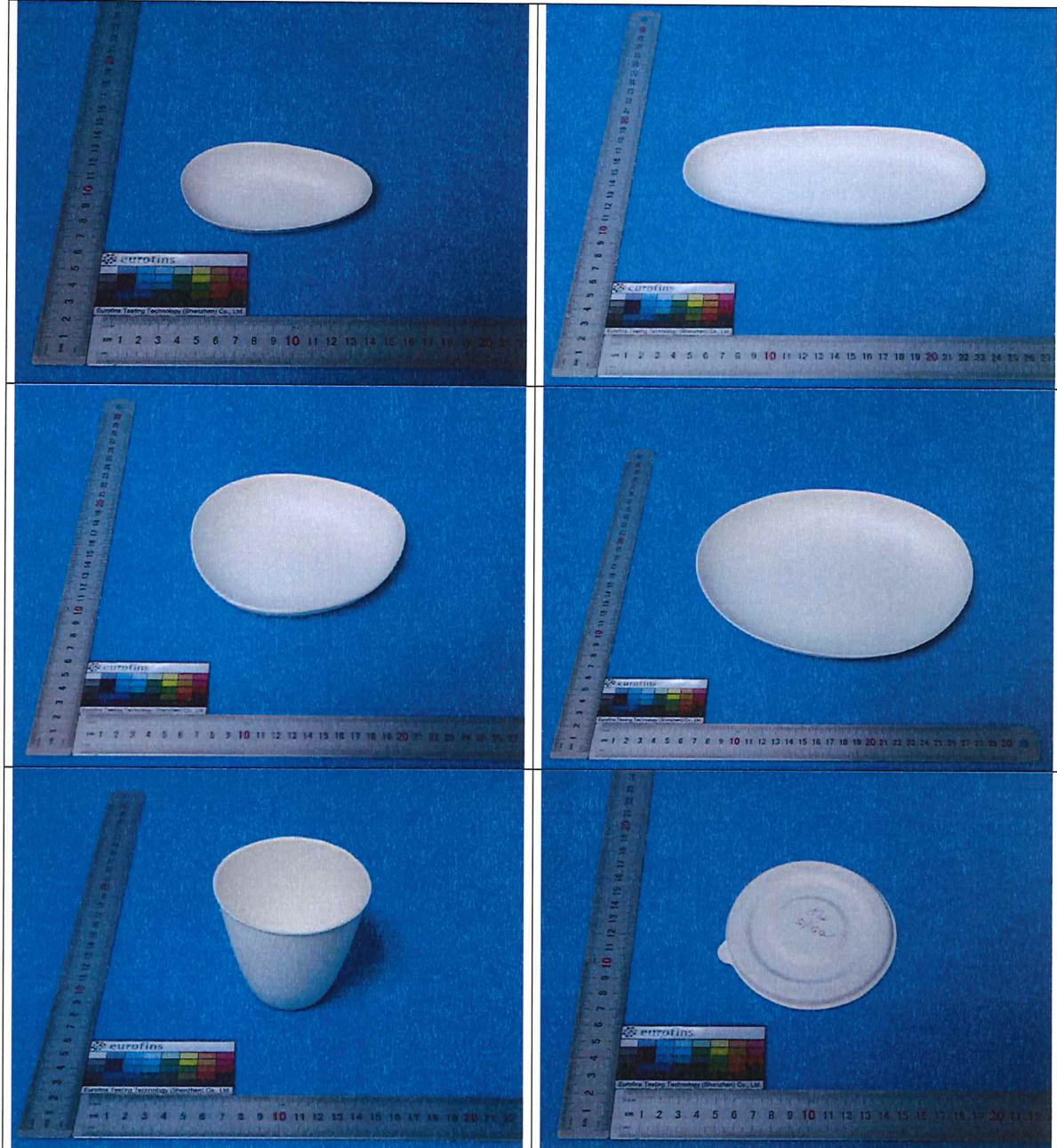
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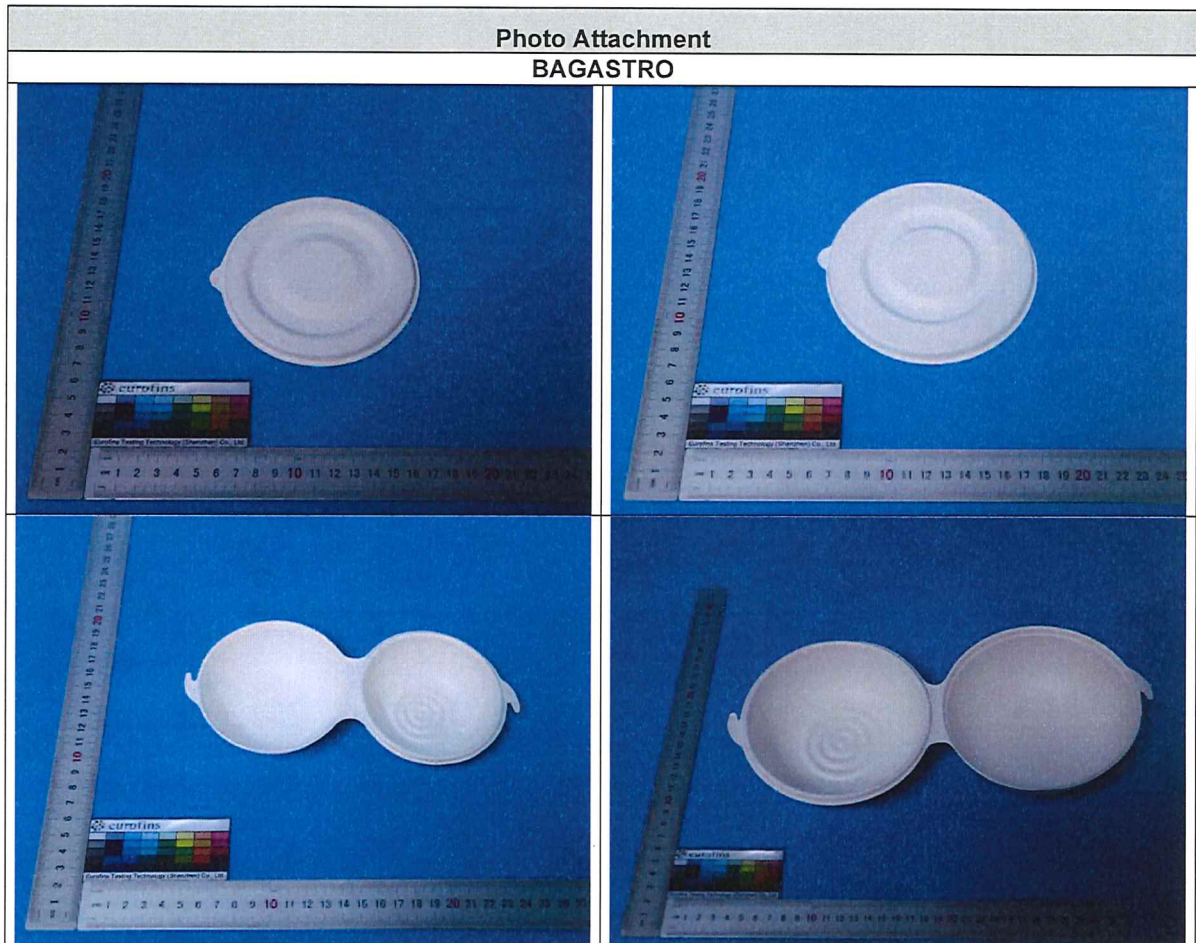


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\*\*\*END OF THE REPORT\*\*\*



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**TESTED ITEM NO.** : N/A  
**MATERIAL** : SUGARCANE PULP + WOOD PULP  
**COUNTRY OF ORIGIN** : CHINA  
**AGE REQUESTED ON APPLICATION FORM** : NOT PRESENT  
**SAMPLE RECEIVED DATE** : APR. 08, 2020  
**TEST PERIOD** : APR. 08, 2020 TO APR. 10, 2020  
**RESULT SUMMARY** :

TEST(S) REQUESTED BY APPLICANT:	RESULT
- Freezing Test	See Test Result
- Oven Test	See Test Result

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

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



Richard Chen  
Hardline Physical Testing Supervisor



Lydia Wang  
Director of Operations



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**Test Result:****Freezing Test**

As per the client's requirement, the submitted samples were subjected to the following conditioning test.

Testing procedures:

- (1) Visually inspect samples and recorded any cosmetic defects.
- (2) Placed the samples in the test chamber at -17 °C until reached equilibrium and maintained for 24 hours.
- (3) Removed the samples from the test chamber and let it recover to room temperature.
- (4) Examined the samples for any signs of defects.

Number of tested sample(s): One (1) piece of each style.

Client's requirement: Not specified.

Result: No visible appearance change was found after test.

**Oven Test**

As per the client's requirement, the submitted samples were subjected to the following conditioning test.

Testing procedures:

- (1) Visually inspect samples and recorded any cosmetic defects.
- (2) Placed the samples in the oven at 110 °C until reached equilibrium and maintained for 2 hours.
- (3) Removed the samples from the oven and let it recover to room temperature.
- (4) Examined the samples for any signs of defects.

Number of tested sample(s): One (1) piece of each style.

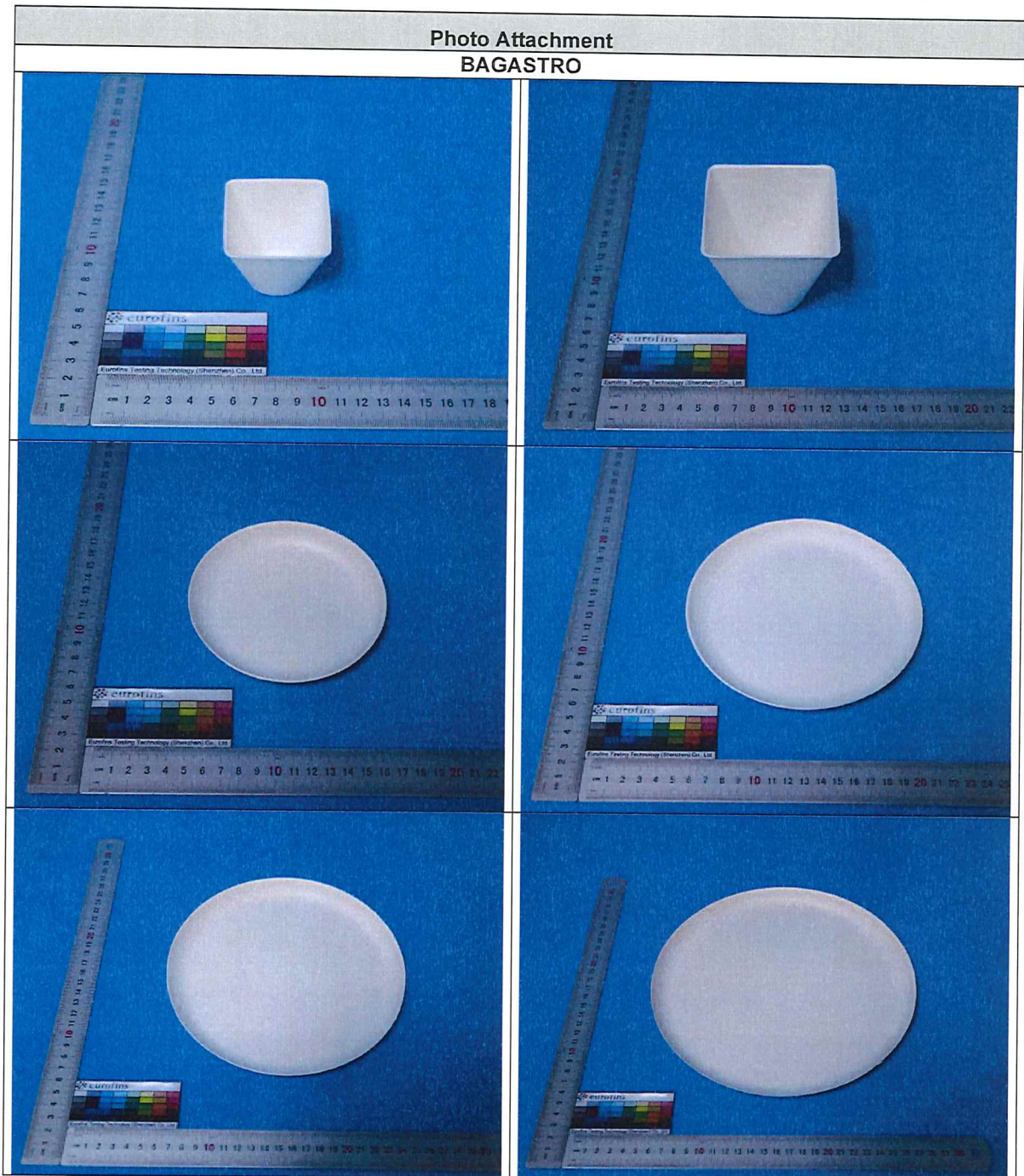
Client's requirement: Not specified.

Result: No visible appearance change was found after test.



**Other Information / Remark:**

N/A





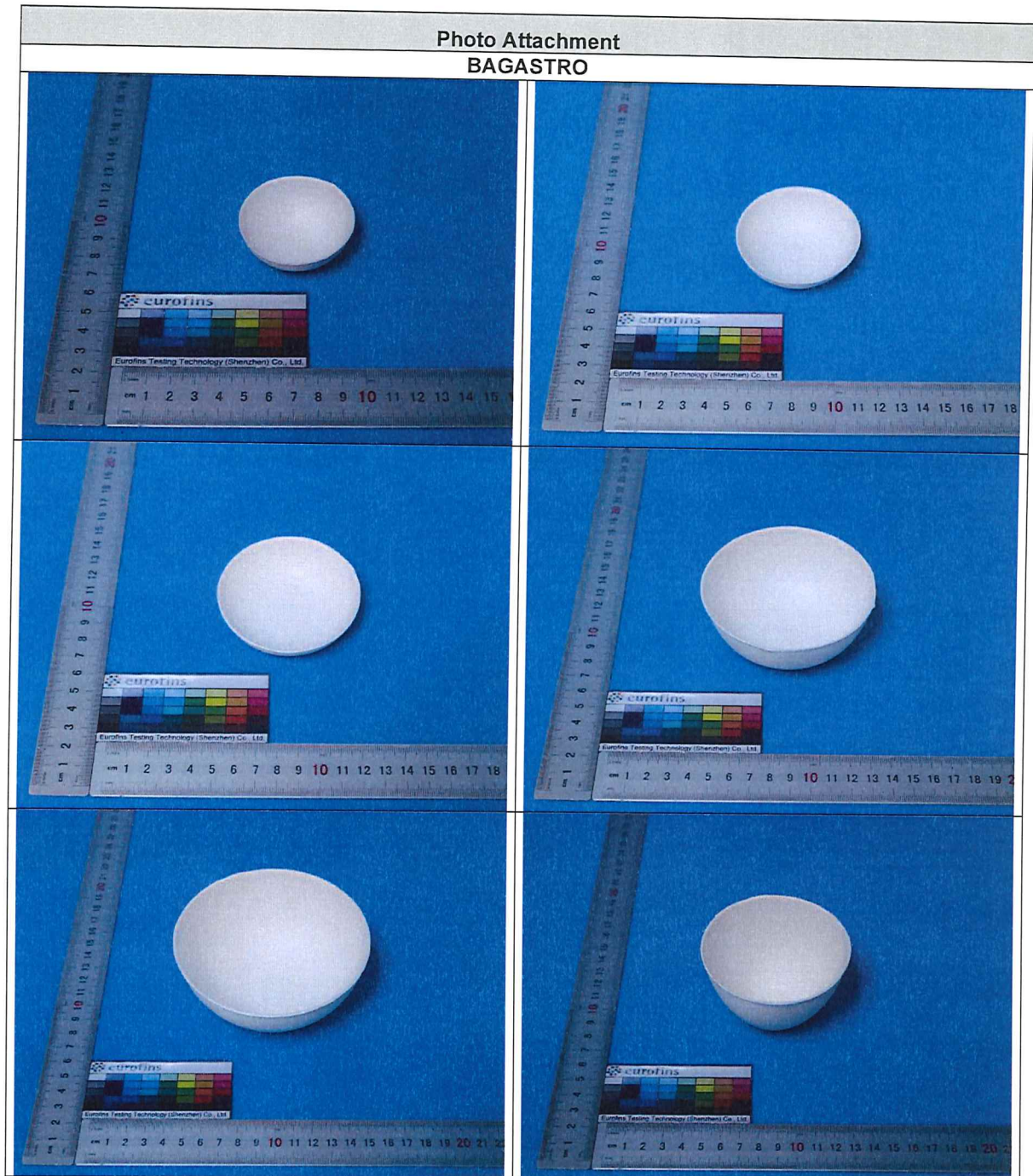
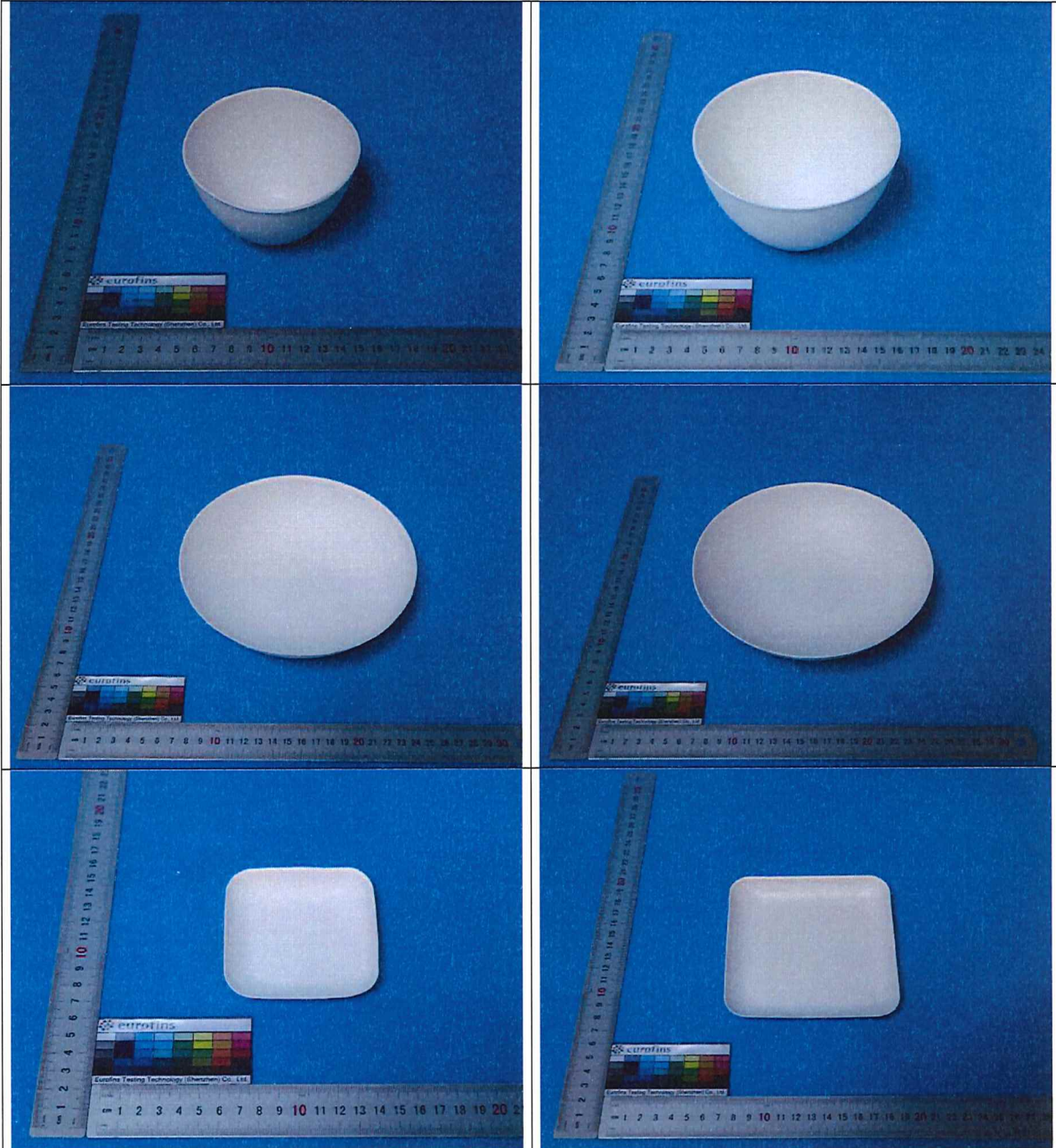
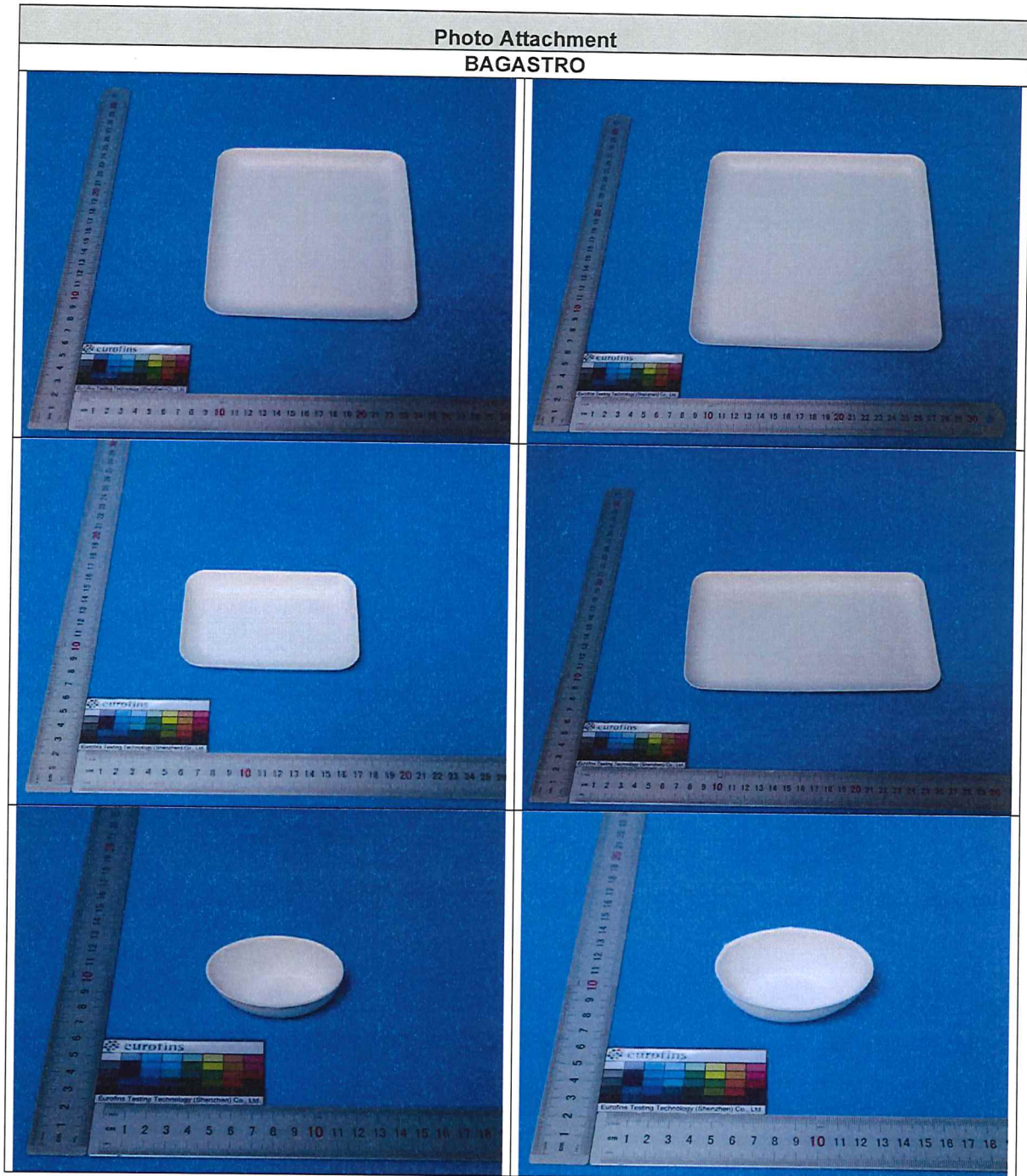
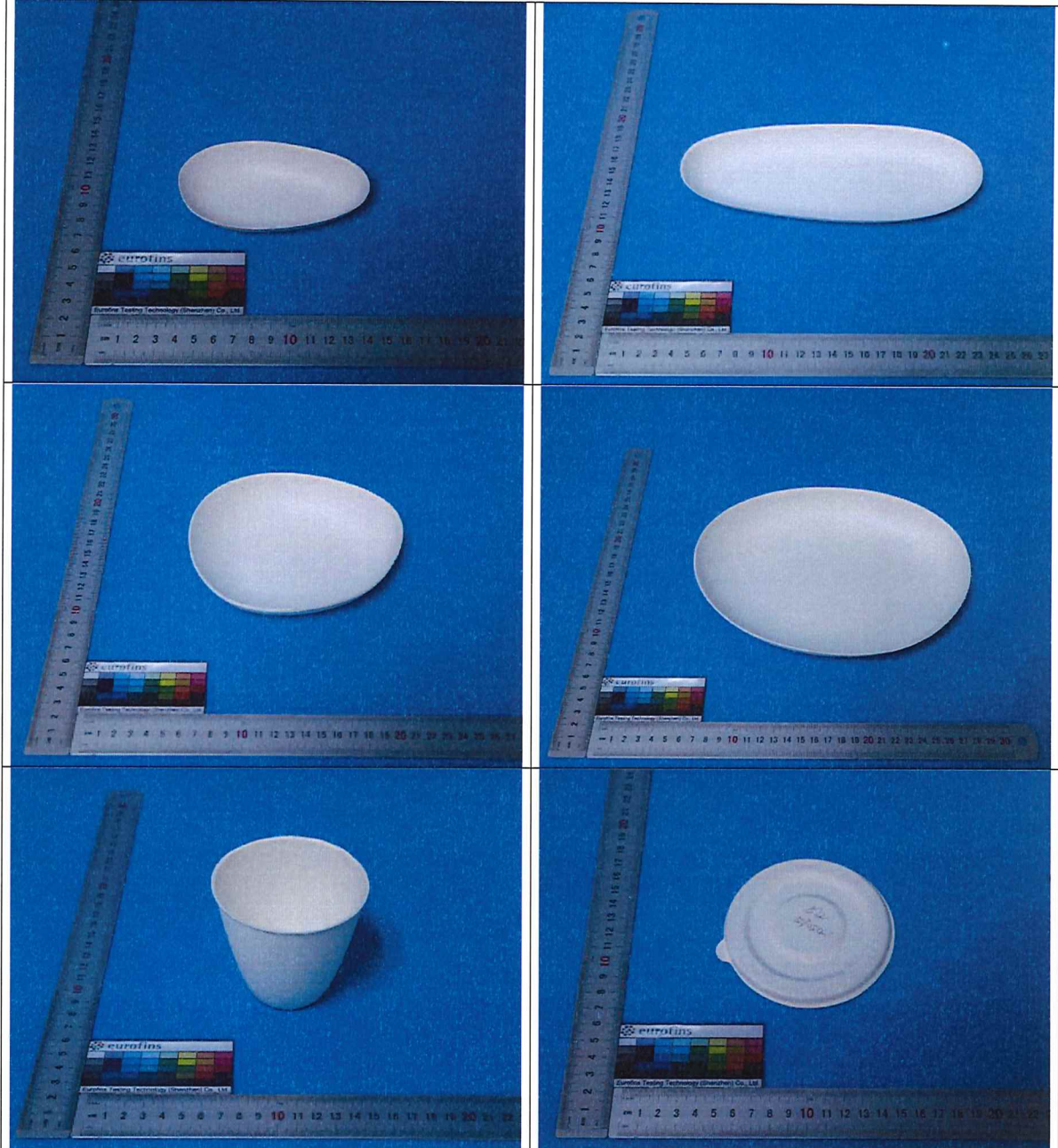




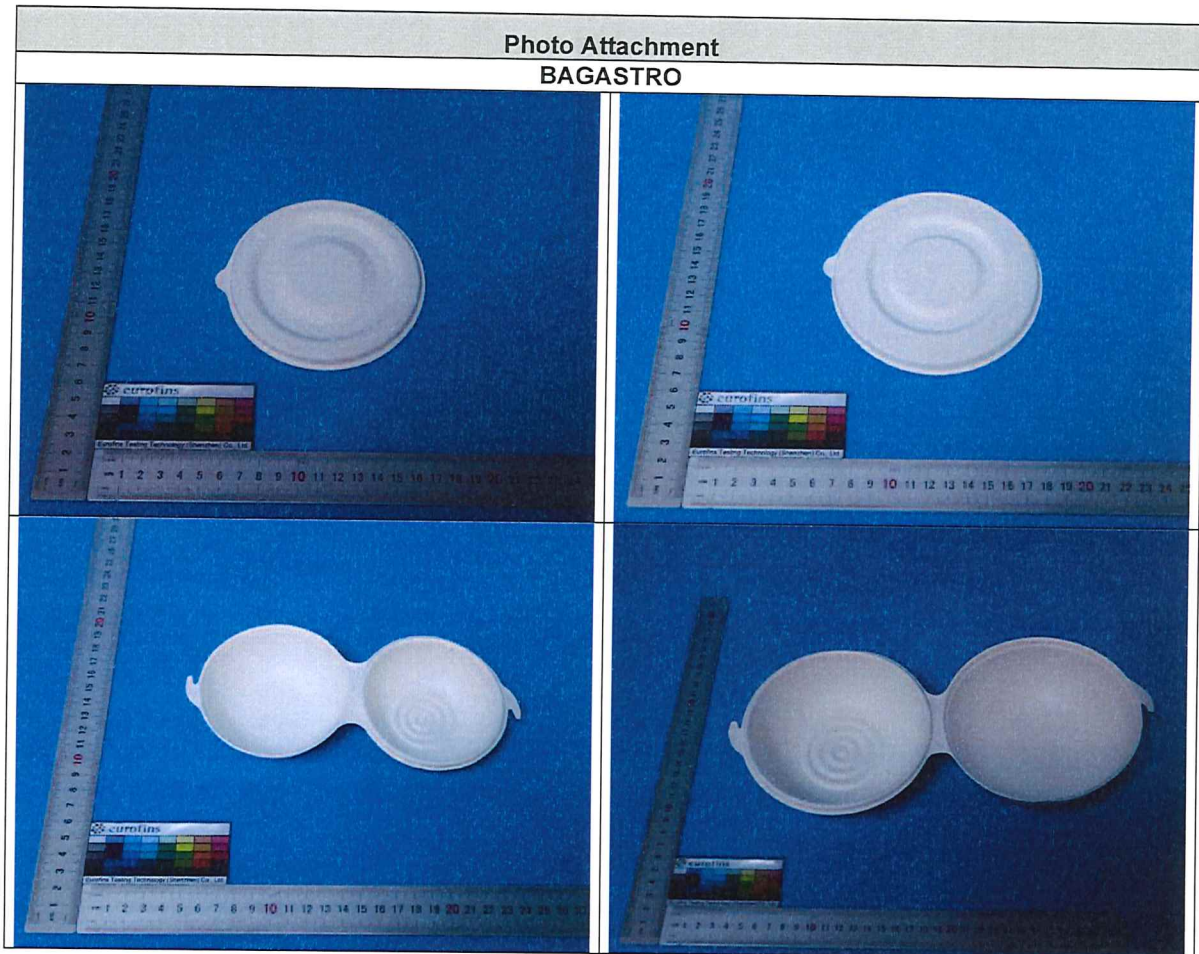
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