



STC Test Report

Date : 2016-10-21
No. : DC202211

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Applicant (Code: HFB001) : Hefei Eco Bamboo fiber Ware Co., Ltd
RE 3503, B1 I MORE PLAZA, NO.1718 QIMEN ROAD, HEFEI,
ANHUI, CHINA

Description of Sample(s) : Sample(s) received is/ are stated to be:
PLA KIDS DINNER WARE AND CUP

Date Sample(s) Received : 2016-10-17

Date Tested : 2016-10-17 to 2016-10-21

Result Summary:

No.	Test Requested	Conclusion	Remark
1	Sensory Test (Odour and Taste) for Paper and Paperboard in Contact with Foodstuffs – EC No. 1935/2004 and § 30 and 31 LFGB	PASS	-
2	Overall migration - EU No.10/2011 on plastic materials and articles intended to come into contact with food and § 30 and 31 LFGB - overall migration in 3%(w/v) acetic acid - overall migration in 10%(v/v) ethanol	PASS	-
3	Specific migration of heavy metals - EU No.10/2011 on plastic materials and articles intended to come into contact with food & amending EU 2016/1416 and § 30 and 31 LFGB	PASS	-



Yan Liang, Sky
Authorized Signatory
Chemical, Food and Pharmaceutical Department
For and on behalf of
STC (Dongguan) Company Ltd.

STC (Dongguan) Company Limited

68 Fumin Nan Road, Dalang, Dongguan, China. (Zip Code : 523 770)
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RESULT(S):

SENSORY TEST (ODOUR AND TASTE) FOR MATERIALS IN CONTACT WITH FOODSTUFFS - EC NO. 1935/2004 AND § 30 AND 31 LFGB

Method Used: DIN 10955

Sample Identity	Item/ Component Description	Style
1	PLA KIDS DINNER WARE AND CUP – white cup	-

Maximum Allowable Limit :	Shall not be greater than 2.5 scale
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Food Simulant	Result (scale)	
	Taste	Odour
Distilled water	0	0
Conclusion	Pass	

Note(s):

- scale 0 = No perception off-odour;
- scale 1 = Off-odour just perceptible (still difficult to define)
- scale 2 = Moderation off-odour;
- scale 3 = Moderately strong off-odour;
- scale 4 = Strong off-odour;

Remark(s): - Above test result(s) was/ were transferred from DC202210, dated October 21, 2016.

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**OVERALL MIGRATION - EU NO.10/2011 ON PLASTIC MATERIALS AND ARTICLES
INTENDED TO COME INTO CONTACT WITH FOOD AND § 30 AND 31 LFGB**

Method Used: Ref EN 1186-1:2002 & EN 1186-3:2002,

- overall migration in 3%(w/v) acetic acid at 70°C for 2 hours
- overall migration in 10%(v/v) ethanol at 70°C for 2 hours

Sample Identity	Colour / Component	Style
1	PLA KIDS DINNER WARE AND CUP – white cup	-

Maximum Allowable Limit	10 mg/dm ² (each food or food simulants) or 60 mg/kg for infants and young children (each food or food simulants)
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Test Item(s)	Results(mg/dm ²)
	1
Overall migration in 3%(w/v) acetic acid	6.8
Overall migration in 10%(v/v) ethanol	1.4
Conclusion	Pass

Notes :
- ND = Not Detected
- Method detected limit: 1.0 mg/dm²
- mg/dm² = milligram per square decimetre

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SPECIFIC MIGRATION OF HEAVY METALS - EU NO.10/2011 ON PLASTIC MATERIALS AND ARTICLES INTENDED TO COME INTO CONTACT WITH FOOD& AMENDING EU 2016/1416 AND § 30 AND 31 LFGB

Method Used: Extracted the sample in 3%(w/v) acetic acid for 70°C for 2 hours, analyzed by ICP-AES.

Sample Identity	Colour / Component	Style
1	PLA KIDS DINNER WARE AND CUP – white cup	-

Element	Ba	Cu	Fe	Li	Mn	Co	Zn	Al
Maximum Allowable Limit (mg/kg)	1	5	48	0.6	0.6	0.05	5	1

Test Item(s)	Results(mg/kg)	
	1	
Ba	ND	
Co	ND	
Cu	ND	
Fe	ND	
Li	ND	
Mn	ND	
Zn	ND	
Al	ND	
Conclusion	Pass	

Notes :

- Method detected limit (mg/kg):
Ba 0.1, Co 0.05, Cu 1, Fe 1, Li 0.1, Mn 0.1, Zn 1, Al 0.1
- ND = Not Detected
- Ba=barium, Cu= Copper, Fe= iron, Li=lithium, Mn=manganese, Co= cobalt, Zn= zinc, Al=Alumimium

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PHOTO(S):



***** END OF TEST REPORT*****

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