

# **TEST REPORT**

Technical Report	t: (6619)049-0098		March 01, 2019
Date Received: Date Modified:	February 18, 2019 February 22, 2019		Page 1 of 6
0 0	nty LiZe Handicraft Co., LTD oment Garden, DongGuang County, Hebei, C	China	
Sample Description	on: Sample(s) received is/are stated Wheat Drinking Straw	to be:	
Culture		$\mathbf{C}(1, \mathbf{N}_{\mathbf{r}}(\mathbf{r}))$	1
Color:	/	Style No(s):	/
Order No.:	/	PO No.:	/
Model No.:		Batch No.:	/
Age Grade:	/	Product End Use:	/
Vendor:	/	Retest No.:	/
	DongGuang County LiZe Handicraft Co., LTD	Supplier Reference:	/
Buyer:	/	Country of Origin:	CHINA
•	February 22, 2019 to March 01, 2019	Country of Destination:	/

**Bureau Veritas** 

Consumer Products Services Division (Shanghai) No. 168, Guanghua Road, Zhuanqiao Town, Minhang, Shanghai China, 201108 Tel.:86-21-24081888 Fax:86-21-64890042 Email: bvcps\_sh\_info@cn.bureauveritas.com Http:www.bureauveritas.com/cps This report is governed by, and incorporates by reference, CPS Conditions of Service as posted at the date of issuance of this report at inty//www.burenzweria.com/hour/abut-us/ucrs/spiadout-us/terms-conditions/and is intended for your exclusive use. Any copying or replication of this eport to or for any other person or entity, or use of our name or trademark, is permitted only with our prior written permission. This report sets forth our findings solely sith respect to the test samples identified herein. The results set forth in this report are not indicative or representative of the quality or characteristics of the lot from which a test sample was taken or any similar or identical product unless specifically and expressly noted. Our report includes all of the tests requested by you and the sealts thereof based upon the information that you provided to us. Measurement uncertainty is only provided upon request for accredited tests. You have 60 days from lact of instance of this report to notify us of any material error or omission caused by our negligence or if you require measurement uncertainty, provided, however, tha uch notice shall be in writing and shall specifically address the issue you wish to raise. A failure to raise such issue within the prescribed time shall constitute you mqualified acceptance of the completeness of this report, the tests conducted and the correctness of the report nets.



(6619)049-0098 March 01, 2019 Page 2 of 6

### SUMMARY OF TEST RESULTS

TEST REQUESTED	CONCLUSION
Sensory Test (Odour and Taste) for Materials in Contact with Foodstuffs – EC No. 1935/2004 and § 30 and 31 LFGB	PASS
Specific Migration of Formaldehyde for Wood in Contact with Foodstuffs – § 30 and 31 LFGB	PASS
Pentachlorophenol Content for Wood in Contact with Foodstuffs – Chemicals Prohibition Ordinance (ChemVerbotsV) Article 15	PASS
Polychlorinated Biphenyls Content for Wood in Contact with Foodstuffs – Chemicals Prohibition Ordinance (ChemVerbotsV) Article 13	PASS
Components of Paper and Paperboard in Contact with Aqueous and Fatty Foods - U.S. FDA 21 CFR 176.170	PASS

### **BVCPS (SHANGHAI) GENERAL CONTACT INFORMATION FOR THIS REPORT**

TELEPHONE NO E-MAIL: 86-21-24166888 bvcpshltoy.sh@cn.bureauveritas.com

BUREAU VERITAS CONSUMER PRODUCTS SERVICE DIVISION (SHANGHAI) Laboratory Test location: No. 368, Guangzhong Road, Zhuanqiao Town, Minhang, Shanghai. No. 168, Guanghua Road, Zhuanqiao Town, Minhang, Shanghai.

Arino

Hyde Bao PRODUCT LINE MANAGER(HARDLINE DIVISON)



(6619)049-0098 March 01, 2019 Page 3 of 6

Photo of the Submitted Sample





(6619)049-0098 March 01, 2019 Page 4 of 6

### TEST RESULT

### Sample Description Assigned by Laboratory

Test Item	Description	Client Claimed Material
1	Wheat drinking straw	/

## <u>Sensory Test (Odour and Taste) for Materials in Contact with Foodstuffs – EC No. 1935/2004 and § 30 and 31 LFGB</u>

Parameter	Result 1	Maximum Allowable Limit
Odour transfer into foodstuff through simulant, cucumber	0	2.5 Scale
Taste transfer into foodstuff through simulant, cucumber	0	2.5 Scale
Conclusion	PASS	-

Note:	Scale:	<ul> <li>0 = no perceptible off-odour (or taste transfer);</li> <li>1 = off-odour (or taste transfer) just perceptible (but still difficult to define);</li> <li>2 = slight off-odour (or taste transfer);</li> <li>3 = distinct off-odour (or taste transfer);</li> <li>4 = strong off-odour (or taste transfer)</li> </ul>
Method:	DIN 10955:	2004-06

Specific Migration of Formaldehyde for Wood in Contact with Foodstuffs - § 30 and 31 LFGB

Test Condition: 2 h at 70 °C (3% Acetic acid & 50% Ethanol)

Demonster	Simulant	T	Result	Maximum
Parameter	Used	Unit	1	Allowable Limit
Food contact surface area	-	dm <sup>2</sup>	0.60	-
Volume of stimulant used	-	mL	100	-
Formaldabuda	3% Acetic acid	mg/kg	<1	15
Formaldehyde	50% Ethanol	mg/kg	<1	15
Conclusion	-	-	PASS	-

Note: "<" = less than mg/kg = milligram per kilogram

Method: EN 13130-1:2004 and CEN/TS 13130-23:2005

Remark: The migration test is carried out according to EC Regulation No. 10/2011 and the corresponding regulatory statutes.



(6619)049-0098 March 01, 2019 Page 5 of 6

### <u>Pentachlorophenol Content for Wood in Contact with Foodstuffs – Chemicals Prohibition Ordinance</u> (ChemVerbotsV) Article 15

Donomotor	Unit	Result	Maximum Allowable Limit
Parameter	Umi	1	Maximum Anowable Linit
PCP	mg/kg	<0.1	5
Conclusion	-	PASS	-

Note: "<" = less than mg/kg = milligram per kilogram

Method: §64 LFGB B82.02-8:2001 modified.

### <u>Polychlorinated Biphenyls Content for Wood in Contact with Foodstuffs – Chemicals Prohibition</u> <u>Ordinance (ChemVerbotsV) Article 13</u>

Danamatan	T Inc. 14	Result	Manimum Allamahla Limit
Parameter	Unit	1	Maximum Allowable Limit
PCB	mg/kg	<1	5
Conclusion	-	PASS	-

Note: "<" = less than mg/kg = milligram per kilogram

Method: Solvent extraction and analysis by Gas Chromatography Mass Spectrometer (GC-MS).

Remark: The list of polychlorinated biphenyls is summarized in table of Appendix.

### APPENDIX

List	List of Polychlorobiphenyls:					
No.	Name of Analytes	No.	Name of Analytes			
1	2,2',5 Trichlorobiphenyl (PCB-18)	5	2,2',3,4,4',5'-Hexachlorobiphenyl (PCB-138)			
2	2,4,4'-Trichlorobiphenyl (PCB-28)	6	2,2',4,4',5,5'-Hexachlorobiphenyl (PCB-153)			
3	2,2',5,5'-Tetrachlorobiphenyl (PCB-52)	7	2,2',3,4,4',5,5'-Heptachlorobiphenyl (PCB- 180)			
4	2,2',4,5,5'-Pentachlorobiphenyl (PCB-101)	-	-			



(6619)049-0098 March 01, 2019 Page 6 of 6

### <u>Components of Paper and Paperboard in Contact with Aqueous and Fatty Foods - U.S. FDA 21 CFR</u> <u>176.170</u>

Condition of use: Extracting condition:	E) Room temperature filled and stored Distilled Water (120 °F, 24 hr.)
C C	n-Heptane (70 °F, 30 min.) 8% Alcohol (120 °F, 24 hr.)

Parameter	Unit	Result	Limit
		1	
Net Chloroform - Soluble Extractives			
(i) Distilled Water	mg/in <sup>2</sup>	< 0.05	≤ 0.5
(ii) n-Heptane	mg/in <sup>2</sup>	< 0.05	≤ 0.5
(iii) 8% Alcohol	mg/in <sup>2</sup>	< 0.05	≤ 0.5
Conclusion	-	PASS	-

Note: mg/in<sup>2</sup> = milligrams per square inch "<" = less than "≤"= less than or equal to

Method: U.S. FDA 21 CFR 176.170

END