



TEST REPORT

Test Report # 18H-009583 Date of Report Issue: December 18, 2018
 Date of Sample Received: December 11, 2018 Pages: Page 1 of 6

CLIENT INFORMATION:

Company: BIC Graphic
 Recipient: 14421 Myerlake Circle
 Clearwater
 Florida
 33760
 United States (USA)



SAMPLE INFORMATION:

Description:	Plastic Straw	Test Request Form No.:	2416_HK
Assortment:	-	Country of Origin:	China
Item No.:	51027	Labeled Age Grade:	-
Shipment Order No.:	-	Recommended Age Grade:	-
Country of Distribution:	United States, Canada	Tested Age Grade:	-
Quantity Submitted:	20 pcs		
Testing Period:	12/12/2018 – 12/18/2018		

OVERALL RESULT:

PASS

Refer to page 2 for test result summary and appropriate notes.

ANSECO GROUP (HK) LIMITED

Loska Yeung Lok Ka
 Assistant Manager, Chemical Laboratory

ANSECO GROUP (HK) LIMITED ♦ 3/F Liven House ♦ No. 61 – 63 King Yip Street ♦ Kwun Tong ♦ Kowloon ♦ Hong Kong ♦ Tel: (852)3185 8000

The above test(s) is/are accredited under the laboratory's ISO/IEC 17025 accreditation issued by the ANSI-ASQ National Accreditation Board (ANAB) according to certificate and scope of accreditation (Certificate # AT-1500.) Test(s) marked with '#' is/are not covered under the scope of accreditation. The test result(s) and conclusion(s) in this report relate to the sample(s) tested as described herein. This test report may not be reproduced in whole or in part, without written approval of ANSECO Group (HK) Limited. ANAB is recognized by ILAC, APLAC and IAAC as a signatory of multilateral recognition arrangements that facilitate acceptance of test internationally.



TEST RESULTS SUMMARY:

At the request of the client, the following tests were conducted:

CONCLUSION	TEST(S) CONDUCTED
PASS	California Proposition 65, Total Lead in Metal / Plastic / Textile
PASS	Client's Requirement, Bisphenol A [#]
PASS	FDA 21 CFR 177.1520, Polypropylene Homopolymers

**DETAILED RESULTS:****California Proposition 65, Total Lead in Metal / Plastic / Textile**

Test Method: CPSC-CH-E1001-08.3 (Metal), CPSC-CH-E1002-08.3 (Non-Metal)
 Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	1	---	---	---	---	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Lead (Pb)	ND	---	---	---	---	100
Conclusion	PASS	---	---	---	---	

Note:

ppm (Parts per million) = mg/kg (Milligrams per kilogram)

LT = Less than

ND = Not detected (Reporting Limit = 10 ppm)

Composite results are based on specimen of least mass resulting in highest potential concentration.

Remark:

The specification is quoted from client's requirement.

SPECIMEN DESCRIPTION:

Specimen No.	Specimen Description	Location
1	White plastic (PP-homo)	White PP plastic straw

**DETAILED RESULTS:****Client's Requirement, Bisphenol A**Test Method: In-House Method[#]

Analytical Method: Liquid Chromatography with Fluorescence Detection

Specimen No.	1	---	---	---	Limit (ppm)
Test Item	CAS No.	Result (ppm)	Result (ppm)	Result (ppm)	
Bisphenol A (BPA)	80-05-7	ND	---	---	ND
Conclusion	PASS	---	---	---	

Note:

ppm (Parts per million) = mg/kg (Milligrams per kilogram)

LT = Less than

ND = Not Detected (Reporting Limit = 1 ppm)

SPECIMEN DESCRIPTION:

Specimen No.	Specimen Description	Location
1	White plastic (PP-homo)	White PP plastic straw

**DETAILED RESULTS:****FDA 21 CFR 177.1520, Polypropylene Homopolymers**

Test Method: FDA 21 CFR 177.1520

Specimen No.			1	---	RL	Limit
Test Item	Temp.	Duration	Result	Result		
n-Hexane extractive (%)	Reflux	2 hours	2.3	---	0.1	6.4
Xylene extractive (%)	120°C	2 hours or until total dissolved	4.3	---	0.5	9.8
Conclusion			PASS	---		

Note:

Temp. = Temperature

°C = Degree Celsius

g/cc = Grams per cubic centimeter

% w/w = Percent by weight

NA = Not applicable

LT = Less than

ND = Not detected. Result value is less than reporting limit (RL).

Remark:

The specification is quoted from 21 CFR 177.1520 (c) 1.1.

By client's request, density and melting point were not conducted in FDA 21 CFR 177.1520 PP-homo.

SPECIMEN DESCRIPTION:

Specimen No.	Specimen Description	Location
1	White plastic (PP-homo)	White PP plastic straw



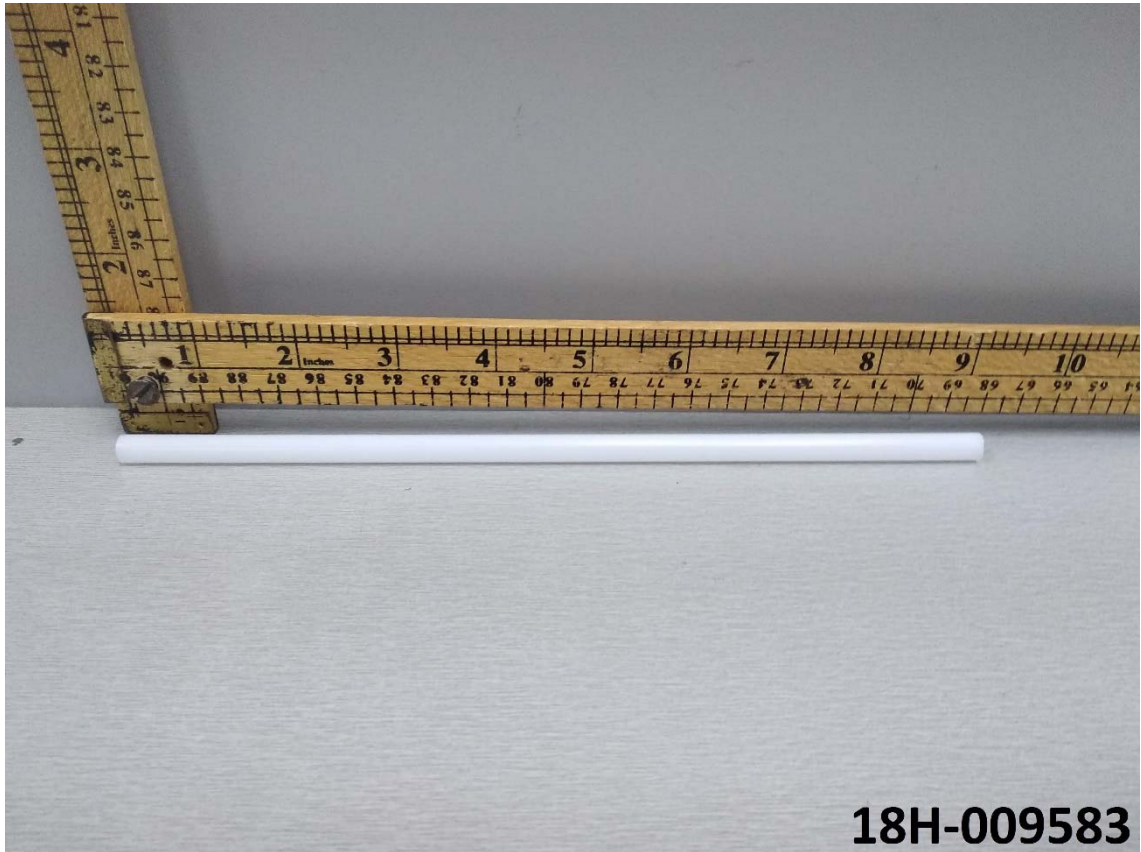
Test Report #

18H-009583

Pages:

Page 6 of 6

SAMPLE PHOTO:



-End Report-

ANSECO GROUP (HK) LIMITED ♦ 3/F Liven House ♦ No. 61 – 63 King Yip Street ♦ Kwun Tong ♦ Kowloon ♦ Hong Kong ♦ Tel: (852)3185 8000

The above test(s) is/are accredited under the laboratory's ISO/IEC 17025 accreditation issued by the ANSI-ASQ National Accreditation Board (ANAB) according to certificate and scope of accreditation (Certificate # AT-1500.) Test(s) marked with '#' is/are not covered under the scope of accreditation.

The test result(s) and conclusion(s) in this report relate to the sample(s) tested as described herein.

This test report may not be reproduced in whole or in part, without written approval of ANSECO Group (HK) Limited.

ANAB is recognized by ILAC, APLAC and IAAC as a signatory of multilateral recognition arrangements that facilitate acceptance of test internationally.