



Test Report

No. VNHL2008015725HG

Date: August 27, 2020

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CONG TY CO PHAN BAO BI GIAY KLEUR

TANG 3 NGOI NHA LO SO 31 KHU BT4-2, DU AN NHA O TRUNG VAN, PHUONG TRUNG VAN,
QUAN NAM TU LIEM, THANH PHO HA NOI, VIET NAM

The following sample was submitted and identified on behalf of the client as below:

SGS Job No. : VNHL2008015725HG
Sample Description : "COC GIAY 2PE 22 OZ (700ML)"
Color : WHITE
Country of Origin : VIET NAM
Country of Destination : EU
Sample Receiving Date : AUGUST 20, 2020
Final confirmed Date : AUGUST 20, 2020
Testing Period : AUGUST 20, 2020 TO AUGUST 27, 2020
Test Requested : PLEASE REFER TO THE RESULT SUMMARY.
Test Results : PLEASE REFER TO NEXT PAGE(S).
Result Summary :

Test Requested	Conclusion
Commission Regulation (EU) No 10/2011	--
a) Plastic – Overall Migration	Pass/ See result
b) Plastic – Specific Migration of Heavy Metals	Pass/ See result
European Regulation (EC) No. 1907/2006 (REACH) Annex XVII and its amendments	--
Polycyclic Aromatic Hydrocarbons (PAHs) content	Pass/ See result
European Directive 94/62/EC (Pb, Cd, Hg, Cr VI)	Pass/ See result

Signed for and on behalf of
SGS Vietnam LTD



Ung Thanh Van
Hardline Lab Manager

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Test result:

Test part description:

No.	Component	Material	Color
1	"COC GIAY 2PE 22 OZ (700ML)"	PAPER WITH PE COATING	WHITE

Testing as per Commission Regulation (EU) No 10/2011

a) Plastic – Overall migration

Method: With reference to Commission Regulation (EU) No 10/2011 of 14 January 2011 Annex III and Annex V for selection of condition and EN 1186-9:2002 aqueous food simulants by article filling method; (1st Migration);

Simulant Used	Test Condition	Result (mg/dm ²)	Reporting Limit (mg/dm ²)	Permissible Limit (mg/dm ²)
		1		
3% Acetic Acid (W/V) Aqueous Solution	2 hours at 70 °C	ND	3.0	10
20% Ethanol (V/V) Aqueous Solution	2 hours at 70 °C	ND	3.0	10
50% Ethanol (V/V) Aqueous Solution	2 hours at 70 °C	ND	3.0	10
Comment	--	PASS	--	--

Note :

1. mg/dm² = milligram per square decimeter
2. °C = degree Celsius
3. ND = Not Detected
4. Permissible Limit is according to Commission Regulation (EU) No 10/2011 of 14 January 2011 with amendments.

Remark:

1. Analytical tolerance of aqueous simulants is 2mg/dm² or 12mg/kg
2. Analytical tolerance of fatty food simulants is 3mg/dm² or 20mg/kg

Remark: Test condition & simulant were specified by client.
 These tests were performed by SGS Vietnam's Chemical lab.
 The test results are considered as conform to specification based on the general consideration simple acceptance as stated in ISO/IEC GUIDE 98-4:2012.
 These tests were accredited ISO 17025:2017 by VILAS.

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b) Plastic – Specific Migration of Heavy Metals

Method: With reference to EN 13130-1:2004. Analysis was performed by ICP-OES.

Simulant Used: 3% acetic acid (w/v) in aqueous solution

Test Condition: 70°C for 2 hours (1st Solution)

Test Item	Result (mg/kg)	Reporting Limit (mg/kg)	Permissible Limit (mg/kg)
	1		
Specific Migration of Aluminium	0.19	0.1	1
Specific Migration of Barium	ND	0.25	1
Specific Migration of Cobalt	ND	0.01	0.05
Specific Migration of Copper	ND	0.25	5
Specific Migration of Iron	ND	0.25	48
Specific Migration of Lithium	ND	0.5	0.6
Specific Migration of Manganese	ND	0.25	0.6
Specific Migration of Nickel	ND	0.01	0.02
Specific Migration of Zinc	ND	0.5	5
Comment	PASS	--	--

Note : 1. mg/kg = milligram per kilogram of foodstuff in contact with

2. °C = degree Celsius

3. ND = Not Detected

4. Permissible Limit is according to Commission Regulation (EU) No 10/2011 of 14 January 2011 with amendments.

Remark:

Test condition & simulant were specified by client.

These tests were performed by SGS Vietnam's Chemical lab.

The test results are considered as conform to specification based on the general consideration simple acceptance as stated in ISO/IEC GUIDE 98-4:2012.

These tests were accredited ISO 17025:2017 by VILAS.

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European Regulation (EC) No. 1907/2006 (REACH) Annex XVII and its amendments

Polycyclic Aromatic Hydrocarbons (PAHs) content

Method : With reference to AfPS GS 2014:01 PAK. Analysis was conducted by Gas Chromatography-Mass Spectrometry.

Test Item	CAS Number	Result (mg/kg)	Reporting Limit (mg/kg)	Permissible Limit (mg/kg)
		1		
1. Benz[a]anthracene	56-55-3	ND	0.1	0.5
2. Chrysene	218-01-9	ND	0.1	0.5
3. Benzo[b]fluoranthene	205-99-2	ND	0.1	0.5
4. Benzo[k]fluoranthene	207-08-9	ND	0.1	0.5
5. Benzo[j]fluoranthene	205-82-3	ND	0.1	0.5
6. Benzo[a]pyrene	50-32-8	ND	0.1	0.5
7. Benzo[e]pyrene	192-97-2	ND	0.1	0.5
8. Dibenz[a,h]anthracene	53-70-3	ND	0.1	0.5
Comment	--	PASS	--	--

Note : 1. mg/kg = milligram per kilogram
2. ND = Not Detected
3. Conclusion is based on the limit specified by Commission Regulation (EU) No 1272/2013 amending Annex XVII to Regulation (EC) No 1907/2006 effective after 27 December 2015.

Remark: This / these test(s) was / were accredited ISO 17025:2017 by VILAS.
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European Directive 94/62/EC – Total Lead, Cadmium, Mercury and Hexavalent Chromium content

Method: With reference to IEC 62321:2013. Analysis of Lead, Cadmium and Mercury were performed by ICP-MS.
With reference to IEC 62321-7:2017. Analysis of Hexavalent Chromium was performed by UV-VIS

Test Item	Result (mg/kg)		Detection Limit (mg/kg)	Permissible Limit (mg/kg)
		1		
Lead (Pb)	ND		2	--
Cadmium (Cd)	ND		2	--
Mercury (Hg)	ND		2	--
Hexavalent Chromium (Cr(VI))	ND		8	--
Total	ND		--	100
Comment	PASS		--	--

Note : 1. mg/kg = milligram per kilogram
2. ND = Not Detected

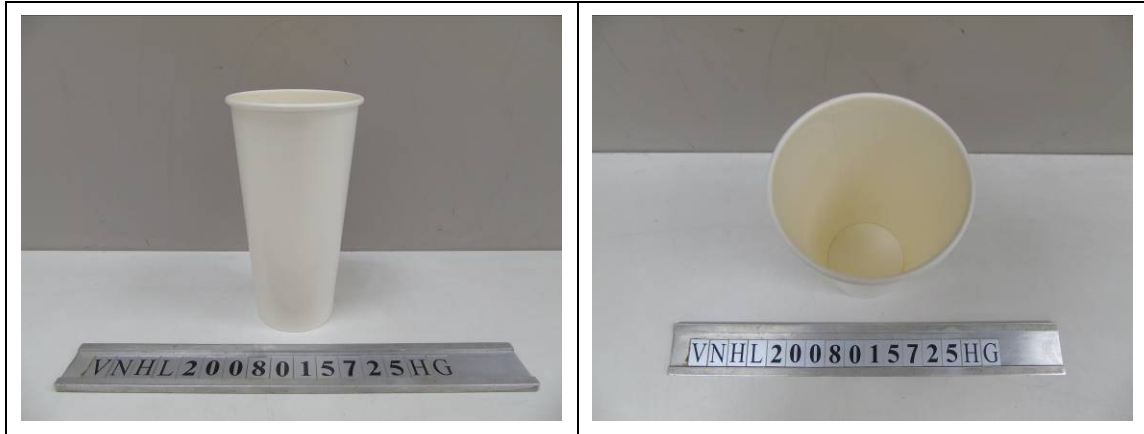
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PHOTO OF SUBMITTED SAMPLE



REPORT RESULTS REFER TO SUBMITTED SAMPLE (S) ONLY

*** End of Report ***

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