



Test Report

No. 10621484(1a) R1

Date: 03 Mar 2026

Page 1 of 10

N&E INNOVATIONS PTE LTD
#03-01, 9 CHIN BEE DRIVE, SINGAPORE 619860

THIS REPORT IS TO SUPERSEDE TEST REPORT NO.: 10621484(1a) DATED 26 FEB 2026

The following sample(s) was/were submitted and identified by/on behalf of the client as:

Sample Name : Vikang Clingfilm
Sample Receiving Date : 29-Jan-2026
Testing Period : 04-Feb-2026 to 26-Feb-2026

Test Requested		Conclusion
1.	Article 3 of European Regulation No. 1935/2004.	1.
	a) Sensorial Examination - Odour and Taste Test	PASS
2.	European Commission Regulation (EU) No 10/2011 and its amendment.	2.
	a) Plastic – Overall Migration	PASS
	b) Plastic – Specific Migration of Heavy Metals	PASS
	c) PBAT – Specific Migration of Terephthalic Acid and Terephthalic Acid Dichloride	PASS
	d) PBAT – Specific Migration of 1,4-Butanediol	PASS
3.	European Commission Regulation (EU) No 2024/3190	3.
	a) Plastic – Total Content of Bisphenols and Derivatives	PASS

Signed for and on behalf of
SGS Testing & Control Services Singapore Pte Ltd

Y C Tham (Ms)
Technical Manager, Multi-Lab

This document is issued by the Company subject to its General Conditions of Service accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained here on reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.
Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

SGS Testing & Control Services Singapore Pte Ltd | 30 Boon Lay Way, #03-01, Singapore 609957 t +65 6379 0111 e sg.sgenlab@sgs.com www.sgs.com

Co. Reg. No: 199404065N GST Reg. No: MR-8500112-9

Member of SGS Group



Test Report

No. 10621484(1a) R1

Date: 03 Mar 2026

Page 2 of 10

Test Results*:

1. Article 3 of European Regulation No. 1935/2004.

a) Sensorial Examination - Odour and Taste Test

Method : With reference to DIN 10955: 2024-01.

Test Condition : 40°C for 10 days

Test media: Deionised Water

No. of panelist: 6

Test Item	Result	Permissible Limit
	1	
Sensorial examination odour (Intensity scale)	0	< 3
Sensorial examination taste (Intensity scale)	1.0	< 3
Comment	PASS	--

Sample Description :

1. Whole sample

Note : 1. <= less than

2. Permissible Limit is according to DIN 10955: 2024-01

3. Intensity scale (rounded at 0.5) :

0 – no perceptible difference

1 – just perceptible difference

2 – slight difference

3 – marked difference

4 – strong difference

The decision rule has prescribed in the regulation or standard, conformity reporting will base on the standard

This document is issued by the Company subject to its General Conditions of Service accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained here on reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

SGS Testing & Control Services Singapore Pte Ltd | 30 Boon Lay Way, #03-01, Singapore 609957 t +65 6379 0111 e sg.genlab@sgs.com www.sgs.com

Co. Reg. No: 199404065N GST Reg. No: MR-8500112-9

Member of SGS Group

2. European Commission Regulation (EU) No 10/2011 and its amendments.

a) Plastic – Overall Migration

Method : With reference to EN 1186-1:2002 for selection of conditions and test methods (1st migration);
EN 1186-2:2022 Test methods for overall migration in vegetable oils
EN 1186-3:2022 Test methods for overall migration in evaporable simulants

Simulant Used	Test Condition	Migration Result (mg/dm ²)	Reporting Limit (mg/dm ²)	Permissible Limit (mg/dm ²)
		1		
3% Acetic Acid (W/V)	10 days at 40°C	ND	3.0	10
10% Ethanol (V/V)	10 days at 40°C	ND	3.0	10
Rectified Olive Oil	10 days at 40°C	ND	3.0	10
Comment	--	PASS	--	--

Simulant Used	Test Condition	Migration Result (mg/dm ²)	Reporting Limit (mg/dm ²)	Permissible Limit (mg/dm ²)
		2		
3% Acetic Acid (W/V)	2 hours at 100°C	ND	3.0	10
10% Ethanol (V/V)	2 hours at 100°C	ND	3.0	10
Rectified Olive Oil	2 hours at 100°C	ND	3.0	10
Comment	--	PASS	--	--

Sample Description :

1. Transparent pale brown plastic (Cling film)
2. Transparent pale brown plastic (Cling film)

Note : 1. mg/dm² = milligram per square decimeter

2. °C = degree Celsius

3. ND = Not Detected

4. The decision rule has prescribed in the regulation or standard, conformity reporting will base on the standard

Remark :

1. For single use articles, the compliance is based on 1st migration result with measurement uncertainty according to (EU) 2025/351.
2. Unless further specified, the ratio of surface area to volume is 1 dm² per 100 mL of foodstuff in contact with.
3. Test condition & simulant were specified by client.

This document is issued by the Company subject to its General Conditions of Service accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained here on reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

b) Plastic – Specific Migration of Heavy Metals

Method: Sample preparation in 3% acetic acid (w/v) at 40°C for 10 days with reference to EN 13130-1:2004; followed by analysis using Inductively coupled plasma (ICP). (1st migration).

Test Item	Result (mg/kg)	Reporting Limit (mg/kg)	Permissible Limit (mg/kg)
	1		
Surface area to volume ratio (dm ² /kg)	6	--	--
Aluminium	ND	0.2	1
Antimony	ND	0.01	0.04
Arsenic	ND	0.01	ND
Barium	ND	0.2	1
Cadmium	ND	0.002	ND
Chromium	ND	0.01	ND
Cobalt	ND	0.01	0.05
Copper	ND	1	5
Iron	ND	9.6	48
Lead	ND	0.01	ND
Lithium	ND	0.12	0.6
Manganese	ND	0.12	0.6
Mercury	ND	0.01	ND
Nickel	ND	0.01	0.02
Zinc	ND	1	5
Europium	ND	0.01	0.05
Gadolinium	ND	0.01	
Lanthanum	ND	0.01	
Terbium	ND	0.01	
Comment	PASS	--	--

This document is issued by the Company subject to its General Conditions of Service accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained here on reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Method: Sample preparation in 3% acetic acid (w/v) at 100°C for 2 hours with reference to EN 13130-1:2004; followed by analysis using Inductively coupled plasma (ICP). (1st migration).

Test Item	Result (mg/kg)	Reporting Limit (mg/kg)	Permissible Limit (mg/kg)
	2		
Surface area to volume ratio (dm ² /kg)	6	--	--
Aluminium	ND	0.2	1
Antimony	ND	0.01	0.04
Arsenic	ND	0.01	ND
Barium	ND	0.2	1
Cadmium	ND	0.002	ND
Chromium	ND	0.01	ND
Cobalt	ND	0.01	0.05
Copper	ND	1	5
Iron	ND	9.6	48
Lead	ND	0.01	ND
Lithium	ND	0.12	0.6
Manganese	ND	0.12	0.6
Mercury	ND	0.01	ND
Nickel	ND	0.01	0.02
Zinc	ND	1	5
Europium	ND	0.01	0.05
Gadolinium	ND	0.01	
Lanthanum	ND	0.01	
Terbium	ND	0.01	
Comment	PASS	--	--

Sample Description :

1. Transparent pale brown plastic (Cling film)
2. Transparent pale brown plastic (Cling film)

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

2. °C = degree Celsius

3. ND = Not Detected

4. dm²/kg = square decimeter per kilogram

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

Remark :

1. For single use articles, the compliance is based on 1st migration result with measurement uncertainty according to (EU) 2025/351. For substances which limit is "Not Detected", the non-compliance is based on 1st migration result if it is detected without the inclusion of measurement uncertainty.
2. Test condition was specified by client.

This document is issued by the Company subject to its General Conditions of Service accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained here on reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

c) PBAT – Specific Migration of Terephthalic Acid and Terephthalic Acid Dichloride

Method : Sample preparation in 3% acetic acid (w/v) at 40°C for 10 days with reference to EN 13130-2:2004; followed by analysis using High Performance Liquid Chromatography – Diode Array Detector (HPLC-DAD) (1st migration).

Test Item	Migration Result	Reporting Limit	Permissible Limit
	1		
Surface area to volume ratio (dm ² /kg)	6	--	--
Specific Migration of Terephthalic Acid and Terephthalic Acid Dichloride (expressed as Terephthalic Acid) (mg/kg)	ND	1.0	7.5
Comment	PASS	--	--

Sample Description :

1. Transparent pale brown plastic (Cling film)

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

2. ND = Not Detected

3. dm²/kg = square decimeter per kilogram

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

Remark :

1. For single use articles, the compliance is based on 1st migration result with measurement uncertainty according to (EU) 2025/351.

d) PBAT – Specific Migration of 1,4-Butanediol

Method : Sample preparation in 3% acetic acid (w/v) at 40°C for 10 days with reference to EN 13130-1:2004; followed by analysis using Gas Chromatography – Mass Spectrometry (GC-MS) (1st migration).

Test Item	Migration Result	Reporting Limit	Permissible Limit
	1		
Surface area to volume ratio (dm ² /kg)	6	--	--
Specific Migration of 1,4-Butanediol (mg/kg)	ND	1	5
Comment	PASS	--	--

Sample Description :

- Transparent pale brown plastic (Cling film)

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

2. ND = Not Detected

3. dm²/kg = square decimeter per kilogram

Remark :

- For single use articles, the compliance is based on 1st migration result with measurement uncertainty according to (EU) 2025/351.

This document is issued by the Company subject to its General Conditions of Service accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained here on reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

SGS Testing & Control Services Singapore Pte Ltd 30 Boon Lay Way, #03-01, Singapore 609957 t +65 6379 0111 e sg.genlab@sgs.com www.sgs.com

3. European Commission Regulation (EU) No 2024/3190

a) Plastic – Total Content of Bisphenols and Derivatives

Method: In-house method. Analysis was performed by HPLC-MS/MS.

Test items	Result (µg/kg)	Reporting Limit (µg/kg)	Permissible Limit (µg/kg)
	1		
Bisphenol A	ND	1	ND
Bisphenol F	ND	1	ND
Bisphenol S	ND	1	ND
4,4'-Isobutylethylidenediphenol	ND	1	ND
Phenolphthalein	ND	1	ND
Bisphenol AF	ND	1	ND
Tetrabromobisphenol A	ND	1	ND
Comment	PASS	--	--

Sample Description:

1. Transparent pale brown soft plastic

Note : 1. µg/kg = microgram per kilogram

2. ND = Not Detected

3. Permissible Limit is according to Commission Regulation (EU) 2024/3190

This document is issued by the Company subject to its General Conditions of Service accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained here on reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

SGS Testing & Control Services Singapore Pte Ltd | 30 Boon Lay Way, #03-01, Singapore 609957 t +65 6379 0111 e sg.genlab@sgs.com www.sgs.com

Remark:

When statement of conformity is made, unless inherent in the requested specification, the decision rule would be based on the non-binary statement with guard band (is equal to the expanded measurement uncertainty with a 95% coverage probability, $w = U_{95}$) in ILAC-G8:09/2019 Clause 4.2.3.

“Pass - the measured value is within (or below / above) the acceptance limit, where the acceptance limit is below / above to the guard band.” or “Pass - The measured values were observed in tolerance at the points tested. The specific false accept risk is up to 2.5%.”

“Fail - the measured value is out of (or below / above) the tolerance limit added / subtracted to the guard band.” or “Fail - One or more measured values were observed out of tolerance at the points tested”. The specific false reject risk is up to 2.5%.

“Inconclusive – It is not possible to state the conformity. Either one or more measured values were observed in the portion of the expanded measurement uncertainty intervals at the points tested where the specific risk is up to 50%.”

****Tested by an SGS Lab (ref. T32620280200SC-01)***

This document is issued by the Company subject to its General Conditions of Service accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained here on reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Sample photo:

SGS authenticate the photo on original report only



End of Report

This document is issued by the Company subject to its General Conditions of Service accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained here on reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

SGS Testing & Control Services Singapore Pte Ltd | 30 Boon Lay Way, #03-01, Singapore 609957 t +65 6379 0111 e sg.genlab@sgs.com www.sgs.com

Co. Reg. No: 199404065N GST Reg. No: MR-8500112-9

Member of SGS Group