

TEST REPORT

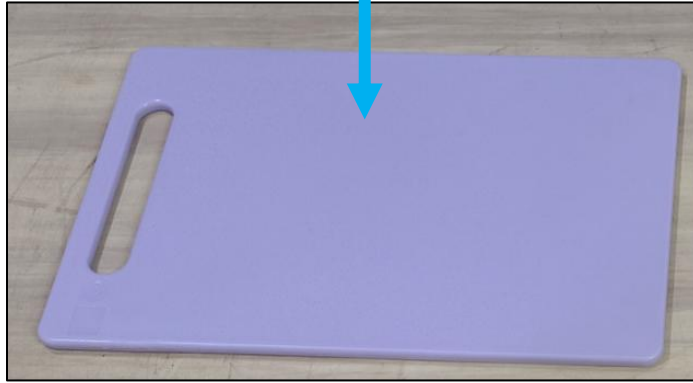


Test Report No. GGN/H(FCM)/26/002456

Dated 2026.07.27

Sample Image(s) (As Received)

Component No. Q1



Sample Q - Chopping Board 034 (306
X 206 X 7.5 mm) (Assorted)

TEST REPORT



TL-1082

Test Report No. GGN/H(FCM)/26/002456

Dated 2026.07.27

Applicant / Company Name : ALL TIME PLASTICS LIMITED
Address : Plot No. 377/1 (1&2) & 371/1(c), Kachigam Char Rasta, daman (U.T.) 396210
Attention / Contact Person : Zarir Patel
Date of Sample Receipt : Received on 2029.06.29 at 11:24 A.M.
Test Period : 2026.06.29 To 2026.07.23
Article / Sample Description : Chopping Board 034 (306 X 206 X 7.5 mm) (Assorted)
Colour : Lilac
Product Type / End Use : Chopping Board
Style No. : 8902084006690
Buyer : N.A.
Agent : N.A.
Supplier : N.A.
Season : N.A.
Country Of Origin : India
Country Of Destination : N.A.

Note:

1. The submitted sample(s) is / are Not Drawn by the Laboratory

2. Unless otherwise agreed upon, PASS or FAIL verdicts are given based on the measured values without any considerations of measurement uncertainties. Every test method has a measurement uncertainty which has been evaluated by the laboratory and are available on request. By taking measurement uncertainties into account, it might happen that measured values can neither be assessed as PASS nor as FAIL"

3. Disclaimer: The testing approach, the testing methods, and the reported results in this report demonstrate compliance or non-compliance to the client's requirements which were mutually agreed at the contract review and stipulated in the quotation.

The testing approach, the testing methods, and the reported results may not or only partially fulfil the associated requirements of the applicable regulations.

4. The laboratory will retain the sample(s) for 45 days except for the mandatory retention period specified by the Regulatory Bodies and unless otherwise specified by the client.

TEST REPORT



Test Report No. GGN/H(FCM)/26/002456

Dated 2026.07.27

Remarks:

1. Test(s) performed as requested by applicant.
2. Conclusion(s) of the test(s) was drawn as per compliance requirement(s) specified by applicant.
3. Test "Bisphenols and its derivatives" was subcontracted to TÜV SÜD South Asia Pvt. Ltd., Ranipet, India.
4. (##) Marked Test is not under ISO/IEC 17025:2017 accreditation.

Authorized By

Verma, Parvesh Kumar
(Authorised Signatory)

Authorized By

Iswarchandra Yadav
(Authorised Signatory)

Please Contact:

For any technical issues: Anuradha Dhamija at :Anuradha.Dhamija@tuvsud.com

For any complaint: Ashima Sapra at: Ashima.Sapra@tuvsud.com

By accepting this document, the customer hereby agrees and accepts the 'Terms & Conditions' and the relevant 'Testing & Certification Regulations' of TÜV SÜD South Asia Pvt Ltd. which are available at Company's website at the link-<https://www.tuvsud.com/en-in/terms-and-conditions>
Note: The test report is electronically generated. Hence original signature is not required.

Note: (1) The results relate only to the items tested, (2) The test report shall not be reproduced except in full without the written approval of the laboratory (3) Any use for advertising purposes must be granted in writing. This technical report may only be quoted in full. This report is the result of a single examination of the object in question and is not generally applicable evaluation of the quality of other products in regular production. For further details, please see testing and certification regulation, chapter A-3.4. (4) The correctness of the information related to sample(s) in the Test Request Form/Customer letterhead/Email is the customer's responsibility. The laboratory reports the said information in the test report and is not liable for the same, (5) The testing conditions are followed as per the reported test standard. For additional test conditions apart from the reported test conditions laboratory can be contacted for details

Laboratory:
TÜV SÜD South Asia Pvt. Ltd.
373 Udyog Vihar Phase II
Sector 20
Gurgaon – 122016

Phone : +91 (124) 6199699
Email :
Anuradha.Dhamija@tuvsud.com
www.tuvsud.com

Registered Office:
TÜV SÜD South Asia Pvt. Ltd.
TÜV SÜD House
Off Saki Vihar Road
Saki Naka, Andheri (East),
Mumbai – 400072. India

TUV®
Page 3 of 9

TEST REPORT



Test Report No. GGN/H(FCM)/26/002456

Dated 2026.07.27

Summary of Test Result(s)

S. No.	Test(s)	Conclusion (#)
1.	Overall Migration	Pass
2.	Total Lead Content	Pass
3.	Total Cadmium Content	Pass
4.	Bisphenols and its derivatives	Pass
5.	Specific migration of heavy metals	Pass
6.	Dishwasher suitability	Observation / Refer Result
(#) For details regarding specification(s) / regulation(s) based on which compliance is decided, refer test details.		

Material list / List of material(s) (As confirmed by applicant)

Component No.	Component description	Material	Color
Sample Q - Chopping Board 034 (306 X 206 X 7.5 mm) (Assorted)			
Q1	Chopping Board	Plastic	Lilac

Sampling plan (As requested by applicant)

S. No.	Test(s)	Component No.
1.	Overall Migration	Q1
2.	Total Lead Content	Q1
3.	Total Cadmium Content	Q1
4.	Bisphenols and its derivatives	Q1
5.	Specific migration of heavy metals	Q1

TEST REPORT



Test Report No. GGN/H(FCM)/26/002456

Dated 2026.07.27

Test Result(s):

Overall Migration

Test Specification(s) / Regulation(s): Commission Regulation (EU) No. 10/2011 & its amendment (EU) 2025/351 and Framework regulation (EC) No 1935/2004.

Test method(s) adopted: EN 1186: 2022.

Simulant(s) used: Refer below.

Test condition(s): Refer below; (Repeated use /3 Migration).

Surface area to volume / Migration ratio: 5.84 dm²:1000ml

S. No.	Simulant	Test condition	Result (mg/dm ²) – Component No. Q1			Stability	Conclusion
			1 st Mig.	2 nd Mig.	3 rd Mig.		
1.	3 % Acetic acid	70°C for 2 Hours	ND	ND	ND	Comply§	Pass
2.	10% Ethanol	70°C for 2 Hours	ND	ND	ND	Comply§	Pass
3.	95% Ethanol	60°C for 2 Hours	ND	ND	ND	Comply§	Pass
4.	Iso octane	40°C for 30 Minutes	ND	ND	ND	Comply§	Pass

Limit of quantification: 3.0 mg/dm²

Maximum Permissible Limit (mg/dm²): 10.0

Note:

1. The standard measurement uncertainty, u(m), of the analytical method is 20%.
2. § The compliance of the stability of the tested material shall be evaluated by applying the stability rule stated in point 3.3.2 under Chapter 3 of Annex V of Regulation (EU) No 10/2011 and its amendments. Please refer to Remark #1 in Appendix for further information.

Total Lead Content

Test Specification(s) / Regulation(s): REACH Regulation (EC) No 1907/2006 (Annex XVII) & its amendments (Entry level / No.: 63)

Test method(s) adopted: GTP_Chem_CPS_25134C For Non - Metal Component / (Acid digestion followed by analysis using ICP-MS)

Equipment(s) used: Inductively Coupled Plasma – Mass Spectrometer (ICP – MS).

S. No.	Component No.	Test Result (mg/kg)	Limit of quantification (mg/kg)	Compliance Requirement(s) / Limit Max (mg/kg)	Conclusion
1.	Q1	ND	10.0	Less than 500 mg/kg	Pass

TEST REPORT



Test Report No. GGN/H(FCM)/26/002456

Dated 2026.07.27

Total Cadmium Content

Test Specification(s) / Regulation(s): REACH Regulation (EC) No 1907/2006 (Annex XVII) & its amendments (Entry level / No.: 23).

Test method(s) adopted: EN 16711-1:2016

Equipment(s) used: Inductively Coupled Plasma – Mass Spectrometer (ICP – MS).

S. No.	Component No.	Test Result (mg/kg)	Limit of Quantification (mg/kg)	Compliance Requirement(s) / Limit Max	Conclusion
1.	Q1	ND	10.0	Less than 100 mg/kg	Pass

Bisphenols and its derivatives (##)

Test Specification(s): Regulation(s) Commission Regulation (EU) 2026/250 correcting Regulation (EU) 2024/3190 on the use of bisphenol A (BPA) and other bisphenols and bisphenol derivatives with harmonized classification for specific hazardous properties in certain materials and articles intended to come into contact with food, amending Regulation (EU) No 10/2011 and repealing Regulation (EU) 2018/213

Test method(s) adopted: GTP_Chem_CPS_25120E.2023

Equipment(s) used: LC – MS-MS (Liquid Chromatograph – Mass Spectrometer- Mass Spectrometer).

S. No.	Analytes	CAS No.	Test Result – (µg/kg) Component No.	Conclusion
			Q1	
1.	Bisphenol A (BPA)	80-05-7	ND	Pass
2.	Bisphenol S (BPS)	80-09-1	ND	Pass
3.	Bisphenol AF (BPAF)	1478-61-1	ND	Pass
4.	Bisphenol F (BPF)	620-92-8	ND	Pass
5.	2,2-bis(4'-Hydroxyphenyl)-4-methylpentane (4,4'-Isobutylethylidenediphenol)	6807-17-6	ND	Pass
6.	Tetrabromobisphenol A (TBBPA)	79-94-7	ND	Pass
7.	Phenolphthalein	77-09-8	ND	Pass

Limit of quantification: 0.001 mg/kg or 1µg/kg

Compliance Requirement/ Limit Max.: Absent (<0.001) mg/kg

TEST REPORT



Test Report No. GGN/H(FCM)/26/002456

Dated 2026.07.27

Specific migration of heavy metals

Test Specification(s) / Regulation(s): Commission Regulation (EU) 2020/1245 amending and Correcting Regulation (EU) 10/2011 & amendment (EU) 2025/351 Framework regulation (EC) No 1935/2004.

Test method(s) adopted: EN 13130-1:2004 for exposure part followed by analysis using ICP – MS.

Simulant(s) used: 3% Acetic Acid.

Test condition(s): 70°C for 2 Hours; (Repeated use /3 Migration).

Equipment(s) used: ICP – MS (Inductively Coupled Plasma – Mass Spectrometer).

Surface area to volume / Migration ratio: 5.84 dm²:1000ml

S. No	Heavy metal	Result (mg/kg) (*) – Component No. Q1			Limit of Quantification (mg/kg)	Compliance requirement Limit Max. (mg/kg)	Stability	Conclusion
		1 st Mig.	2 nd Mig.	3 rd Mig.				
1.	Aluminium (as Al)	ND	ND	ND	0.1	1	Comply§	Pass
2.	Antimony (as Sb)	ND	ND	ND	0.01	0.04	Comply§	Pass
3.	Arsenic (As)	ND	ND	ND	0.01	ND(DL:0.01)	Comply§	Pass
4.	Barium (as Ba)	ND	ND	ND	0.1	1	Comply§	Pass
5.	Cadmium (as Cd)	ND	ND	ND	0.002	ND (DL:0.002)	Comply§	Pass
6.	Chromium (as Cr)	ND	ND	ND	0.01	ND (DL:0.01)	Comply§	Pass
7.	Cobalt (as Co)	ND	ND	ND	0.01	0.05	Comply§	Pass
8.	Copper (as Cu)	ND	ND	ND	0.5	5	Comply§	Pass
9.	Europium (as Eu)	ND	ND	ND	0.01	0.05	Comply§	Pass
10.	Gadolinium (as Gd)	ND	ND	ND	0.01	0.05	Comply§	Pass
11.	Iron (as Fe)	ND	ND	ND	5	48	Comply§	Pass
12.	Lanthanum (as La)	ND	ND	ND	0.01	0.05	Comply§	Pass
13.	Lead (as Pb)	ND	ND	ND	0.01	ND (DL:0.01)	Comply§	Pass
14.	Lithium (as Li)	ND	ND	ND	0.01	0.6	Comply§	Pass
15.	Manganese (as Mn)	ND	ND	ND	0.05	0.6	Comply§	Pass
16.	Mercury (as Hg)	ND	ND	ND	0.01	ND (DL:0.01)	Comply§	Pass
17.	Nickel (as Ni)	ND	ND	ND	0.01	0.02	Comply§	Pass
18.	Terbium (as Tb)	ND	ND	ND	0.01	0.05	Comply§	Pass
19.	Zinc (as Zn)	ND	ND	ND	0.5	5	Comply§	Pass

Note:

- * The compliance with the specific migration limit shall be evaluated by applying the specific performance criterion stated in Annex V of Regulation (EU) No 10/2011 and its amendments. Please refer to Remark #2 in Appendix for further information.
- § The compliance of the stability of the tested material shall be evaluated by applying the stability rule stated in point 2.1.6 under Chapter 2 of Annex V of Regulation (EU) No 10/2011 and its amendments. Please refer to Remark #1 in Appendix for further information.

TEST REPORT



Test Report No. GGN/H(FCM)/26/002456

Dated 2026.07.27

Dishwasher suitability (##)

Test Specification(s): Applicant's specification(s);
Test method(s) adopted: In-house method {LAB_P(H)_ITP_02};
Number of cycles: 10 (Applicant's -specified);
Duration of one cycle: 120±10 minutes

Sample Name	Test Result(s) / Observation(s) (#)
Sample Q - Chopping Board 034 (306 X 206 X 7.5 mm) (Assorted) / Lilac	No visual changes observed.
(#) Observations were made with unaided eye.	

Abbreviations

"mg/kg" denotes milligram per kilogram & is equivalent to ppm (parts per million); "ND" denotes Not Detected or below limit of quantification; "°C" denotes degree Celsius; "%" denotes percent; "% (v/v)" denotes percent by volume.; "% (w/v)" denotes percent in terms of mass / weight per unit volume; "mg/dm²" denotes milligram per square decimetre; "mm" denotes millimetre; "g/m²" denotes Grams per Square Meter.

TEST REPORT



Test Report No. GGN/H(FCM)/26/002456

Dated 2026.07.27

Appendix

1. According to Point 3.3.2 under Chapter 3 of Annex V of Regulation (EU) No 10/2011 and its amendments, the stability of repeated use material or article, the sample shall be considered non-compliant if:
 $m_{,3} > \text{OML}$, or,
 $m_{,1} < m_{,2}$, or,
 $m_{,2} < m_{,3}$, or,
 $m_{,1} < m_{,3}$
 The compliance with the OML and the stability rule shall be evaluated applying the following criteria:
 - If $(m_{,3} - \text{OML})/[(u(m_{,3}))] > 1.64$, then the third migration is higher than the OML,
 - If $(m_{,2} - m_{,1})/[(u(m_{,2}) + u(m_{,1}))] > 1.64$, then the first migration is smaller than the second migration,
 - If $(m_{,3} - m_{,2})/[(u(m_{,3}) + u(m_{,2}))] > 1.64$, then the second migration is smaller than the third migration,
 - If $(m_{,3} - m_{,1})/[(u(m_{,3}) + u(m_{,1}))] > 1.64$, the first migration is smaller than the third migration.

Where:
 - **OML** is the overall migration limit
 - **m** is the overall migration test result
 - **m_{,1}, m_{,2} and m_{,3}** are respectively the m during the first, the second and the third migration test
 - **u(m)** is the standard measurement uncertainty of m of the analytical method as determined by the laboratory.
2. According to Annex V of Regulation (EU) No 10/2011 and its amendments, the compliance with the SML shall be determined by evaluating m_c against the SML by applying the following specific performance criterion:

 If $(m_c - \text{SML})/[(u(m_c))] > 1.64$, then m_c exceeds the SML

Where:
 - **SML** is the specific migration limit
 - **m_c** is the specific migration test result of a substance
 - **u(m_c)** is the standard measurement uncertainty of m_c, which shall be determined by $u(m_c) = \text{CV}_R \times m_c$
 - **CV_R** is the reproducibility coefficient of variation
 - **CV_R = 0.22** for $m_c < 0.12 \times 10^{-6} \text{ kg/kg}$ and
 - **CV_R = $2^{(1-\frac{1}{2}\log(m_c))}/100$** for $0.12 \times 10^{-6} \text{ kg/kg} \leq m_c \leq 0.138 \text{ kg/kg}$
3. According to Point 2.1.6 under Chapter 2 of Annex V of Regulation (EU) No 10/2011 and its amendments, the stability of repeated use material or article, the sample shall be considered non-compliant if:
 $m_{c,3} > \text{SML}$, or,
 $m_{c,1} < m_{c,2}$, or,
 $m_{c,2} < m_{c,3}$, or,
 $m_{c,1} < m_{c,3}$
 The compliance with the SML and the stability rule shall be evaluated applying the following criteria:
 - If $(m_{c,3} - \text{SML})/[(u(m_{c,3}))] > 1.64$, then the third migration is higher than the SML,
 - If $(m_{c,2} - m_{c,1})/[(u(m_{c,2}) + u(m_{c,1}))] > 1.64$, then the first migration is smaller than the second migration,
 - If $(m_{c,3} - m_{c,2})/[(u(m_{c,3}) + u(m_{c,2}))] > 1.64$, then the second migration is smaller than the third migration,
 - If $(m_{c,3} - m_{c,1})/[(u(m_{c,3}) + u(m_{c,1}))] > 1.64$, the first migration is smaller than the third migration.

Where:
 - **SML** is the specific migration limit
 - **m_c** is the specific migration test result of a substance
 - **m_{c,1}, m_{c,2} and m_{c,3}** are respectively the m_c during the first, the second and the third migration test
 - **u(m_c)** is the standard measurement uncertainty of m_c, which shall be determined by $u(m_c) = \text{CV}_R \times m_c$
 - **CV_R** is the reproducibility coefficient of variation
 - **CV_R = 0.22** for $m_c < 0.12 \times 10^{-6} \text{ kg/kg}$ and
 - **CV_R = $2^{(1-\frac{1}{2}\log(m_c))}/100$** for $0.12 \times 10^{-6} \text{ kg/kg} \leq m_c \leq 0.138 \text{ kg/kg}$

--- END OF THE TEST REPORT ---

TEST REPORT

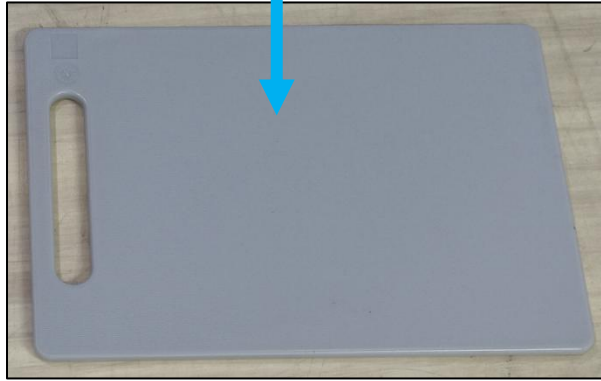


Test Report No. GGN/H(FCM)/26/002370

Dated 2026.07.27

Sample Image(s) (As Received)

Component No. Q1



Sample Q - Chopping Board 034 (306
X 206 X 7.5 mm) (Assorted)

TEST REPORT



TL-1082

Test Report No. GGN/H(FCM)/26/002370

Dated 2026.07.27

Applicant / Company Name : ALL TIME PLASTICS LIMITED
Address : Plot No. 377/1 (1&2) & 371/1(c), Kachigam Char Rasta, daman (U.T.) 396210
Attention / Contact Person : Zarir Patel
Date of Sample Receipt : Received on 2029.06.29 at 11:24 A.M.
Test Period : 2026.06.29 To 2026.07.23
Article / Sample Description : Chopping Board 034 (306 X 206 X 7.5 mm) (Assorted)
Colour : Grey Silver
Product Type / End Use : Chopping Board
Style No. : 8902084006690
Buyer : N.A.
Agent : N.A.
Supplier : N.A.
Season : N.A.
Country Of Origin : India
Country Of Destination : N.A.

Note:

1. The submitted sample(s) is / are Not Drawn by the Laboratory

2. Unless otherwise agreed upon, PASS or FAIL verdicts are given based on the measured values without any considerations of measurement uncertainties. Every test method has a measurement uncertainty which has been evaluated by the laboratory and are available on request. By taking measurement uncertainties into account, it might happen that measured values can neither be assessed as PASS nor as FAIL"

3. Disclaimer: The testing approach, the testing methods, and the reported results in this report demonstrate compliance or non-compliance to the client's requirements which were mutually agreed at the contract review and stipulated in the quotation.

The testing approach, the testing methods, and the reported results may not or only partially fulfil the associated requirements of the applicable regulations.

4. The laboratory will retain the sample(s) for 45 days except for the mandatory retention period specified by the Regulatory Bodies and unless otherwise specified by the client.

TEST REPORT



Test Report No. GGN/H(FCM)/26/002370

Dated 2026.07.27

Remarks:

1. Test(s) performed as requested by applicant.
2. Conclusion(s) of the test(s) was drawn as per compliance requirement(s) specified by applicant.
3. Test "Bisphenols and its derivatives" was subcontracted to TÜV SÜD South Asia Pvt. Ltd., Ranipet, India.
4. (##) Marked Test is not under ISO/IEC 17025:2017 accreditation.

Authorized By

Verma, Parvesh Kumar
(Authorised Signatory)

Authorized By

Iswarchandra Yadav
(Authorised Signatory)

Please Contact:

For any technical issues: Anuradha Dhamija at :Anuradha.Dhamija@tuvsud.com

For any complaint: Ashima Sapra at: Ashima.Sapra@tuvsud.com

By accepting this document, the customer hereby agrees and accepts the 'Terms & Conditions' and the relevant 'Testing & Certification Regulations' of TÜV SÜD South Asia Pvt Ltd. which are available at Company's website at the link-<https://www.tuvsud.com/en-in/terms-and-conditions>
Note: The test report is electronically generated. Hence original signature is not required.

Note: (1) The results relate only to the items tested, (2) The test report shall not be reproduced except in full without the written approval of the laboratory (3) Any use for advertising purposes must be granted in writing. This technical report may only be quoted in full. This report is the result of a single examination of the object in question and is not generally applicable evaluation of the quality of other products in regular production. For further details, please see testing and certification regulation, chapter A-3.4. (4) The correctness of the information related to sample(s) in the Test Request Form/Customer letterhead/Email is the customer's responsibility. The laboratory reports the said information in the test report and is not liable for the same, (5) The testing conditions are followed as per the reported test standard. For additional test conditions apart from the reported test conditions laboratory can be contacted for details

Laboratory:
TÜV SÜD South Asia Pvt. Ltd.
373 Udyog Vihar Phase II
Sector 20
Gurgaon – 122016

Phone : +91 (124) 6199699
Email :
Anuradha.Dhamija@tuvsud.com
www.tuvsud.com

Registered Office:
TÜV SÜD South Asia Pvt. Ltd.
TÜV SÜD House
Off Saki Vihar Road
Saki Naka, Andheri (East),
Mumbai – 400072. India

TUV®
Page 3 of 9

TEST REPORT



Test Report No. GGN/H(FCM)/26/002370

Dated 2026.07.27

Summary of Test Result(s)

S. No.	Test(s)	Conclusion (#)
1.	Overall Migration	Pass
2.	Total Lead Content	Pass
3.	Total Cadmium Content	Pass
4.	Bisphenols and its derivatives	Pass
5.	Specific migration of heavy metals	Pass
6.	Dishwasher suitability	Observation / Refer Result
(#) For details regarding specification(s) / regulation(s) based on which compliance is decided, refer test details.		

Material list / List of material(s) (As confirmed by applicant)

Component No.	Component description	Material	Color
Sample Q - Chopping Board 034 (306 X 206 X 7.5 mm) (Assorted)			
Q1	Chopping Board	Plastic	Grey Silver

Sampling plan (As requested by applicant)

S. No.	Test(s)	Component No.
1.	Overall Migration	Q1
2.	Total Lead Content	Q1
3.	Total Cadmium Content	Q1
4.	Bisphenols and its derivatives	Q1
5.	Specific migration of heavy metals	Q1

TEST REPORT



Test Report No. GGN/H(FCM)/26/002370

Dated 2026.07.27

Test Result(s):

Overall Migration

Test Specification(s) / Regulation(s): Commission Regulation (EU) No. 10/2011 & its amendment (EU) 2025/351 and Framework regulation (EC) No 1935/2004.

Test method(s) adopted: EN 1186: 2022.

Simulant(s) used: Refer below.

Test condition(s): Refer below; (Repeated use /3 Migration).

Surface area to volume / Migration ratio: 5.81 dm²:1000ml

S. No.	Simulant	Test condition	Result (mg/dm ²) – Component No. Q1			Stability	Conclusion
			1 st Mig.	2 nd Mig.	3 rd Mig.		
1.	3 % Acetic acid	70°C for 2 Hours	ND	ND	ND	Comply§	Pass
2.	10% Ethanol	70°C for 2 Hours	ND	ND	ND	Comply§	Pass
3.	95% Ethanol	60°C for 2 Hours	ND	ND	ND	Comply§	Pass
4.	Iso octane	40°C for 30 Minutes	ND	ND	ND	Comply§	Pass

Limit of quantification: 3.0 mg/dm²

Maximum Permissible Limit (mg/dm²): 10.0

Note:

1. The standard measurement uncertainty, u(m), of the analytical method is 20%.
2. § The compliance of the stability of the tested material shall be evaluated by applying the stability rule stated in point 3.3.2 under Chapter 3 of Annex V of Regulation (EU) No 10/2011 and its amendments. Please refer to Remark #1 in Appendix for further information.

Total Lead Content

Test Specification(s) / Regulation(s): REACH Regulation (EC) No 1907/2006 (Annex XVII) & its amendments (Entry level / No.: 63)

Test method(s) adopted: GTP_Chem_CPS_25134C For Non - Metal Component / (Acid digestion followed by analysis using ICP-MS)

Equipment(s) used: Inductively Coupled Plasma – Mass Spectrometer (ICP – MS).

S. No.	Component No.	Test Result (mg/kg)	Limit of quantification (mg/kg)	Compliance Requirement(s) / Limit Max (mg/kg)	Conclusion
1.	Q1	ND	10.0	Less than 500	Pass

TEST REPORT



Test Report No. GGN/H(FCM)/26/002370

Dated 2026.07.27

Total Cadmium Content

Test Specification(s) / Regulation(s): REACH Regulation (EC) No 1907/2006 (Annex XVII) & its amendments (Entry level / No.: 23).

Test method(s) adopted: EN 16711-1:2016

Equipment(s) used: Inductively Coupled Plasma – Mass Spectrometer (ICP – MS).

S. No.	Component No.	Test Result (mg/kg)	Limit of Quantification (mg/kg)	Compliance Requirement(s) / Limit Max (mg/kg)	Conclusion
1.	Q1	ND	10.0	Less than 100	Pass

Bisphenols and its derivatives (##)

Test Specification(s): Regulation(s) Commission Regulation (EU) 2026/250 correcting Regulation (EU) 2024/3190 on the use of bisphenol A (BPA) and other bisphenols and bisphenol derivatives with harmonized classification for specific hazardous properties in certain materials and articles intended to come into contact with food, amending Regulation (EU) No 10/2011 and repealing Regulation (EU) 2018/213

Test method(s) adopted: GTP_Chem_CPS_25120E.2023

Equipment(s) used: LC – MS-MS (Liquid Chromatograph – Mass Spectrometer- Mass Spectrometer).

S. No.	Analytes	CAS No.	Test Result – (µg/kg) Component No.	Conclusion
			Q1	
1.	Bisphenol A (BPA)	80-05-7	ND	Pass
2.	Bisphenol S (BPS)	80-09-1	ND	Pass
3.	Bisphenol AF (BPAF)	1478-61-1	ND	Pass
4.	Bisphenol F (BPF)	620-92-8	ND	Pass
5.	2,2-bis(4'-Hydroxyphenyl)-4-methylpentane (4,4'-Isobutylethylidenediphenol)	6807-17-6	ND	Pass
6.	Tetrabromobisphenol A (TBBPA)	79-94-7	ND	Pass
7.	Phenolphthalein	77-09-8	ND	Pass

Limit of quantification: 0.001 mg/kg or 1µg/kg

Compliance Requirement/ Limit Max.: Absent (<0.001) mg/kg

TEST REPORT



Test Report No. GGN/H(FCM)/26/002370

Dated 2026.07.27

Specific migration of heavy metals

Test Specification(s) / Regulation(s): Commission Regulation (EU) 2020/1245 amending and Correcting Regulation (EU) 10/2011 & amendment (EU) 2025/351 Framework regulation (EC) No 1935/2004.

Test method(s) adopted: EN 13130-1:2004 for exposure part followed by analysis using ICP – MS.

Simulant(s) used: 3% Acetic Acid.

Test condition(s): 70°C for 2 Hours; (Repeated use /3 Migration).

Equipment(s) used: ICP – MS (Inductively Coupled Plasma – Mass Spectrometer).

Surface area to volume / Migration ratio: 5.81 dm²:1000ml

S. No	Heavy metal	Result (mg/kg) (*) – Component No. Q1			Limit of Quantification (mg/kg)	Compliance requirement Limit Max. (mg/kg)	Stability	Conclusion
		1 st Mig.	2 nd Mig.	3 rd Mig.				
1.	Aluminium (as Al)	ND	ND	ND	0.1	1	Comply§	Pass
2.	Antimony (as Sb)	ND	ND	ND	0.01	0.04	Comply§	Pass
3.	Arsenic (As)	ND	ND	ND	0.01	ND(DL:0.01)	Comply§	Pass
4.	Barium (as Ba)	ND	ND	ND	0.1	1	Comply§	Pass
5.	Cadmium (as Cd)	ND	ND	ND	0.002	ND (DL:0.002)	Comply§	Pass
6.	Chromium (as Cr)	ND	ND	ND	0.01	ND (DL:0.01)	Comply§	Pass
7.	Cobalt (as Co)	ND	ND	ND	0.01	0.05	Comply§	Pass
8.	Copper (as Cu)	ND	ND	ND	0.5	5	Comply§	Pass
9.	Europium (as Eu)	ND	ND	ND	0.01	0.05	Comply§	Pass
10.	Gadolinium (as Gd)	ND	ND	ND	0.01	0.05	Comply§	Pass
11.	Iron (as Fe)	ND	ND	ND	5	48	Comply§	Pass
12.	Lanthanum (as La)	ND	ND	ND	0.01	0.05	Comply§	Pass
13.	Lead (as Pb)	ND	ND	ND	0.01	ND (DL:0.01)	Comply§	Pass
14.	Lithium (as Li)	ND	ND	ND	0.01	0.6	Comply§	Pass
15.	Manganese (as Mn)	ND	ND	ND	0.05	0.6	Comply§	Pass
16.	Mercury (as Hg)	ND	ND	ND	0.01	ND (DL:0.01)	Comply§	Pass
17.	Nickel (as Ni)	ND	ND	ND	0.01	0.02	Comply§	Pass
18.	Terbium (as Tb)	ND	ND	ND	0.01	0.05	Comply§	Pass
19.	Zinc (as Zn)	ND	ND	ND	0.5	5	Comply§	Pass

Note:

- * The compliance with the specific migration limit shall be evaluated by applying the specific performance criterion stated in Annex V of Regulation (EU) No 10/2011 and its amendments. Please refer to Remark #2 in Appendix for further information.
- § The compliance of the stability of the tested material shall be evaluated by applying the stability rule stated in point 2.1.6 under Chapter 2 of Annex V of Regulation (EU) No 10/2011 and its amendments. Please refer to Remark #1 in Appendix for further information.

TEST REPORT



Test Report No. GGN/H(FCM)/26/002370

Dated 2026.07.27

Dishwasher suitability (##)

Test Specification(s): Applicant's specification(s);
Test method(s) adopted: In-house method {LAB_P(H)_ITP_02};
Number of cycles: 10 (Applicant's -specified);
Duration of one cycle: 120±10 minutes

Sample Name

Sample Q - Chopping Board 034 (306 X 206 X 7.5 mm) (Assorted)
/ Grey Silver

Test Result(s) / Observation(s) (#)

No visual changes observed.

(#) Observations were made with unaided eye.

Abbreviations

"mg/kg" denotes milligram per kilogram & is equivalent to ppm (parts per million); "ND" denotes Not Detected or below limit of quantification; "°C" denotes degree Celsius; "%" denotes percent; "% (v/v)" denotes percent by volume.; "% (w/v)" denotes percent in terms of mass / weight per unit volume; "mg/dm²" denotes milligram per square decimetre; "mm" denotes millimetre; "g/m²" denotes Grams per Square Meter.

TEST REPORT



Test Report No. GGN/H(FCM)/26/002370

Dated 2026.07.27

Appendix

1. According to Point 3.3.2 under Chapter 3 of Annex V of Regulation (EU) No 10/2011 and its amendments, the stability of repeated use material or article, the sample shall be considered non-compliant if:
 $m_{,3} > \text{OML}$, or,
 $m_{,1} < m_{,2}$, or,
 $m_{,2} < m_{,3}$, or,
 $m_{,1} < m_{,3}$
 The compliance with the OML and the stability rule shall be evaluated applying the following criteria:
 - If $(m_{,3} - \text{OML})/[(u(m_{,3}))] > 1.64$, then the third migration is higher than the OML,
 - If $(m_{,2} - m_{,1})/[(u(m_{,2}) + u(m_{,1}))] > 1.64$, then the first migration is smaller than the second migration,
 - If $(m_{,3} - m_{,2})/[(u(m_{,3}) + u(m_{,2}))] > 1.64$, then the second migration is smaller than the third migration,
 - If $(m_{,3} - m_{,1})/[(u(m_{,3}) + u(m_{,1}))] > 1.64$, the first migration is smaller than the third migration.

Where:
 - **OML** is the overall migration limit
 - **m** is the overall migration test result
 - **m_{,1}, m_{,2} and m_{,3}** are respectively the m during the first, the second and the third migration test
 - **u(m)** is the standard measurement uncertainty of m of the analytical method as determined by the laboratory.
2. According to Annex V of Regulation (EU) No 10/2011 and its amendments, the compliance with the SML shall be determined by evaluating m_c against the SML by applying the following specific performance criterion:

 If $(m_c - \text{SML})/[(u(m_c))] > 1.64$, then m_c exceeds the SML

Where:
 - **SML** is the specific migration limit
 - **m_c** is the specific migration test result of a substance
 - **u(m_c)** is the standard measurement uncertainty of m_c, which shall be determined by $u(m_c) = \text{CV}_R \times m_c$
 - **CV_R** is the reproducibility coefficient of variation
 - **CV_R = 0.22** for $m_c < 0.12 \times 10^{-6} \text{ kg/kg}$ and
 - **CV_R = $2^{(1-\frac{1}{2}\log(m_c))}/100$** for $0.12 \times 10^{-6} \text{ kg/kg} \leq m_c \leq 0.138 \text{ kg/kg}$
3. According to Point 2.1.6 under Chapter 2 of Annex V of Regulation (EU) No 10/2011 and its amendments, the stability of repeated use material or article, the sample shall be considered non-compliant if:
 $m_{c,3} > \text{SML}$, or,
 $m_{c,1} < m_{c,2}$, or,
 $m_{c,2} < m_{c,3}$, or,
 $m_{c,1} < m_{c,3}$
 The compliance with the SML and the stability rule shall be evaluated applying the following criteria:
 - If $(m_{c,3} - \text{SML})/[(u(m_{c,3}))] > 1.64$, then the third migration is higher than the SML,
 - If $(m_{c,2} - m_{c,1})/[(u(m_{c,2}) + u(m_{c,1}))] > 1.64$, then the first migration is smaller than the second migration,
 - If $(m_{c,3} - m_{c,2})/[(u(m_{c,3}) + u(m_{c,2}))] > 1.64$, then the second migration is smaller than the third migration,
 - If $(m_{c,3} - m_{c,1})/[(u(m_{c,3}) + u(m_{c,1}))] > 1.64$, the first migration is smaller than the third migration.

Where:
 - **SML** is the specific migration limit
 - **m_c** is the specific migration test result of a substance
 - **m_{c,1}, m_{c,2} and m_{c,3}** are respectively the m_c during the first, the second and the third migration test
 - **u(m_c)** is the standard measurement uncertainty of m_c, which shall be determined by $u(m_c) = \text{CV}_R \times m_c$
 - **CV_R** is the reproducibility coefficient of variation
 - **CV_R = 0.22** for $m_c < 0.12 \times 10^{-6} \text{ kg/kg}$ and
 - **CV_R = $2^{(1-\frac{1}{2}\log(m_c))}/100$** for $0.12 \times 10^{-6} \text{ kg/kg} \leq m_c \leq 0.138 \text{ kg/kg}$

--- END OF THE TEST REPORT ---

TEST REPORT

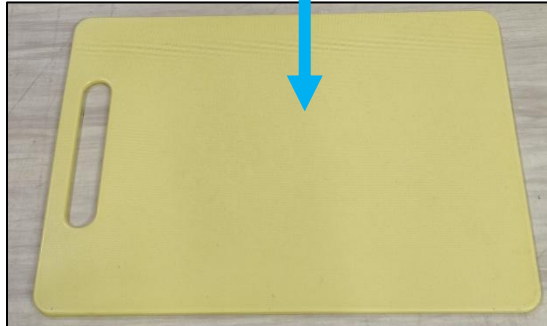


Test Report No. GGN/H(FCM)/26/002457

Dated 2026.07.27

Sample Image(s) (As Received)

Component No. Q1



Sample Q - Chopping Board 034 (306
X 206 X 7.5 mm) (Assorted)

TEST REPORT



TL-1082

Test Report No. GGN/H(FCM)/26/002457

Dated 2026.07.27

Applicant / Company Name : ALL TIME PLASTICS LIMITED
Address : Plot No. 377/1 (1&2) & 371/1(c), Kachigam Char Rasta, daman (U.T.) 396210
Attention / Contact Person : Zarir Patel
Date of Sample Receipt : Received on 2029.06.29 at 11:24 A.M.
Test Period : 2026.06.29 To 2026.07.23
Article / Sample Description : Chopping Board 034 (306 X 206 X 7.5 mm) (Assorted)
Colour : Yellow
Product Type / End Use : Chopping Board
Style No. : 8902084006690
Buyer : N.A.
Agent : N.A.
Supplier : N.A.
Season : N.A.
Country Of Origin : India
Country Of Destination : N.A.

Note:

1. The submitted sample(s) is / are Not Drawn by the Laboratory

2. Unless otherwise agreed upon, PASS or FAIL verdicts are given based on the measured values without any considerations of measurement uncertainties. Every test method has a measurement uncertainty which has been evaluated by the laboratory and are available on request. By taking measurement uncertainties into account, it might happen that measured values can neither be assessed as PASS nor as FAIL"

3. Disclaimer: The testing approach, the testing methods, and the reported results in this report demonstrate compliance or non-compliance to the client's requirements which were mutually agreed at the contract review and stipulated in the quotation.

The testing approach, the testing methods, and the reported results may not or only partially fulfil the associated requirements of the applicable regulations.

4. The laboratory will retain the sample(s) for 45 days except for the mandatory retention period specified by the Regulatory Bodies and unless otherwise specified by the client.

TEST REPORT



Test Report No. GGN/H(FCM)/26/002457

Dated 2026.07.27

Remarks:

1. Test(s) performed as requested by applicant.
2. Conclusion(s) of the test(s) was drawn as per compliance requirement(s) specified by applicant.
3. Test "Bisphenols and its derivatives" was subcontracted to TÜV SÜD South Asia Pvt. Ltd., Ranipet, India.
4. (##) Marked Test is not under ISO/IEC 17025:2017 accreditation.

Authorized By

Verma, Parvesh Kumar
(Authorised Signatory)

Authorized By

Atal Anand
(Authorised Signatory)

Please Contact:

For any technical issues: Anuradha Dhamija at : Anuradha.Dhamija@tuvsud.com

For any complaint: Ashima Sapra at: Ashima.Sapra@tuvsud.com

By accepting this document, the customer hereby agrees and accepts the 'Terms & Conditions' and the relevant 'Testing & Certification Regulations' of TÜV SÜD South Asia Pvt Ltd. which are available at Company's website at the link-<https://www.tuvsud.com/en-in/terms-and-conditions>

Note: The test report is electronically generated. Hence original signature is not required.

Note: (1) The results relate only to the items tested, (2) The test report shall not be reproduced except in full without the written approval of the laboratory (3) Any use for advertising purposes must be granted in writing. This technical report may only be quoted in full. This report is the result of a single examination of the object in question and is not generally applicable evaluation of the quality of other products in regular production. For further details, please see testing and certification regulation, chapter A-3.4. (4) The correctness of the information related to sample(s) in the Test Request Form/Customer letterhead/Email is the customer's responsibility. The laboratory reports the said information in the test report and is not liable for the same, (5) The testing conditions are followed as per the reported test standard. For additional test conditions apart from the reported test conditions laboratory can be contacted for details

Laboratory:
TÜV SÜD South Asia Pvt. Ltd.
373 Udyog Vihar Phase II
Sector 20
Gurgaon – 122016

Phone : +91 (124) 6199699
Email :
Anuradha.Dhamija@tuvsud.com
www.tuvsud.com

Registered Office:
TÜV SÜD South Asia Pvt. Ltd.
TÜV SÜD House
Off Saki Vihar Road
Saki Naka, Andheri (East),
Mumbai – 400072. India

TUV®
Page 3 of 9

TEST REPORT



Test Report No. GGN/H(FCM)/26/002457

Dated 2026.07.27

Summary of Test Result(s)

S. No.	Test(s)	Conclusion (#)
1.	Overall Migration	Pass
2.	Total Lead Content	Pass
3.	Total Cadmium Content	Pass
4.	Bisphenols and its derivatives	Pass
5.	Specific migration of heavy metals	Pass
6.	Dishwasher suitability	Observation / Refer Result
(#) For details regarding specification(s) / regulation(s) based on which compliance is decided, refer test details.		

Material list / List of material(s) (As confirmed by applicant)

Component No.	Component description	Material	Color
Sample Q - Chopping Board 034 (306 X 206 X 7.5 mm) (Assorted)			
Q1	Chopping Board	Plastic	Yellow

Sampling plan (As requested by applicant)

S. No.	Test(s)	Component No.
1.	Overall Migration	Q1
2.	Total Lead Content	Q1
3.	Total Cadmium Content	Q1
4.	Bisphenols and its derivatives	Q1
5.	Specific migration of heavy metals	Q1

TEST REPORT



Test Report No. GGN/H(FCM)/26/002457

Dated 2026.07.27

Test Result(s):

Overall Migration

Test Specification(s) / Regulation(s): Commission Regulation (EU) No. 10/2011 & its amendment (EU) 2025/351 and Framework regulation (EC) No 1935/2004.

Test method(s) adopted: EN 1186: 2022.

Simulant(s) used: Refer below.

Test condition(s): Refer below; (Repeated use /3 Migration).

Surface area to volume / Migration ratio: 5.94 dm²:1000ml

S. No.	Simulant	Test condition	Result (mg/dm ²) – Component No. Q1			Stability	Conclusion
			1 st Mig.	2 nd Mig.	3 rd Mig.		
1.	3 % Acetic acid	70°C for 2 Hours	ND	ND	ND	Comply§	Pass
2.	10% Ethanol	70°C for 2 Hours	ND	ND	ND	Comply§	Pass
3.	95% Ethanol	60°C for 2 Hours	ND	ND	ND	Comply§	Pass
4.	Iso octane	40°C for 30 Minutes	ND	ND	ND	Comply§	Pass

Limit of quantification: 3.0 mg/dm²

Maximum Permissible Limit (mg/dm²): 10.0

Note:

1. The standard measurement uncertainty, u(m), of the analytical method is 20%.
2. § The compliance of the stability of the tested material shall be evaluated by applying the stability rule stated in point 3.3.2 under Chapter 3 of Annex V of Regulation (EU) No 10/2011 and its amendments. Please refer to Remark #1 in Appendix for further information.

Total Lead Content

Test Specification(s) / Regulation(s): REACH Regulation (EC) No 1907/2006 (Annex XVII) & its amendments (Entry level / No.: 63)

Test method(s) adopted: GTP_Chem_CPS_25134C For Non - Metal Component / (Acid digestion followed by analysis using ICP-MS)

Equipment(s) used: Inductively Coupled Plasma – Mass Spectrometer (ICP – MS).

S. No.	Component No.	Test Result (mg/kg)	Limit of quantification (mg/kg)	Compliance Requirement(s) / Limit Max (mg/kg)	Conclusion
1.	Q1	ND	10.0	Less than 500	Pass

TEST REPORT



Test Report No. GGN/H(FCM)/26/002457

Dated 2026.07.27

Total Cadmium Content

Test Specification(s) / Regulation(s): REACH Regulation (EC) No 1907/2006 (Annex XVII) & its amendments (Entry level / No.: 23).

Test method(s) adopted: EN 16711-1:2016

Equipment(s) used: Inductively Coupled Plasma – Mass Spectrometer (ICP – MS).

S. No.	Component No.	Test Result (mg/kg)	Limit of Quantification (mg/kg)	Compliance Requirement(s) / Limit Max (mg/kg)	Conclusion
1.	Q1	ND	10.0	Less than 100	Pass

Bisphenols and its derivatives (##)

Test Specification(s): Regulation(s) Commission Regulation (EU) 2026/250 correcting Regulation (EU) 2024/3190 on the use of bisphenol A (BPA) and other bisphenols and bisphenol derivatives with harmonized classification for specific hazardous properties in certain materials and articles intended to come into contact with food, amending Regulation (EU) No 10/2011 and repealing Regulation (EU) 2018/213

Test method(s) adopted: GTP_Chem_CPS_25120E.2023

Equipment(s) used: LC – MS-MS (Liquid Chromatograph – Mass Spectrometer- Mass Spectrometer).

S. No.	Analytes	CAS No.	Test Result – (µg/kg) Component No.	Conclusion
			Q1	
1.	Bisphenol A (BPA)	80-05-7	ND	Pass
2.	Bisphenol S (BPS)	80-09-1	ND	Pass
3.	Bisphenol AF (BPAF)	1478-61-1	ND	Pass
4.	Bisphenol F (BPF)	620-92-8	ND	Pass
5.	2,2-bis(4'-Hydroxyphenyl)-4-methylpentane (4,4'-Isobutylethylidenediphenol)	6807-17-6	ND	Pass
6.	Tetrabromobisphenol A (TBBPA)	79-94-7	ND	Pass
7.	Phenolphthalein	77-09-8	ND	Pass

Limit of quantification: 0.001 mg/kg or 1µg/kg

Compliance Requirement/ Limit Max.: Absent (<0.001) mg/kg

TEST REPORT



Test Report No. GGN/H(FCM)/26/002457

Dated 2026.07.27

Specific migration of heavy metals

Test Specification(s) : As per applicant's specification with reference to Commission Regulation (EU) 2020/1245 amending and Correcting Regulation (EU) 10/2011 and Framework regulation (EC) No 1935/2004.

Test method(s) adopted: EN 13130-1:2004 for exposure part followed by analysis using ICP – MS.

Simulant(s) used: 3% Acetic Acid.

Test condition(s): 70°C for 2 Hours; (Repeated use /3 Migration).

Equipment(s) used: ICP – MS (Inductively Coupled Plasma – Mass Spectrometer).

Surface area to volume / Migration ratio: 5.94 dm²:1000ml

S. No	Heavy metal	Result (mg/kg) (*) – Component No. Q1			Limit of Quantification (mg/kg)	Compliance requirement Limit Max. (mg/kg)	Stability	Conclusion
		1 st Mig.	2 nd Mig.	3 rd Mig.				
1.	Aluminium (as Al)	ND	ND	ND	0.1	1	Comply§	Pass
2.	Antimony (as Sb)	ND	ND	ND	0.01	0.04	Comply§	Pass
3.	Arsenic (As)	ND	ND	ND	0.01	ND(DL:0.01)	Comply§	Pass
4.	Barium (as Ba)	ND	ND	ND	0.1	1	Comply§	Pass
5.	Cadmium (as Cd)	ND	ND	ND	0.002	ND (DL:0.002)	Comply§	Pass
6.	Chromium (as Cr)	ND	ND	ND	0.01	ND (DL:0.01)	Comply§	Pass
7.	Cobalt (as Co)	ND	ND	ND	0.01	0.05	Comply§	Pass
8.	Copper (as Cu)	ND	ND	ND	0.5	5	Comply§	Pass
9.	Europium (as Eu)	ND	ND	ND	0.01	0.05	Comply§	Pass
10.	Gadolinium (as Gd)	ND	ND	ND	0.01	0.05	Comply§	Pass
11.	Iron (as Fe)	ND	ND	ND	5	48	Comply§	Pass
12.	Lanthanum (as La)	ND	ND	ND	0.01	0.05	Comply§	Pass
13.	Lead (as Pb)	ND	ND	ND	0.01	ND (DL:0.01)	Comply§	Pass
14.	Lithium (as Li)	ND	ND	ND	0.01	0.6	Comply§	Pass
15.	Manganese (as Mn)	ND	ND	ND	0.05	0.6	Comply§	Pass
16.	Mercury (as Hg)	ND	ND	ND	0.01	ND (DL:0.01)	Comply§	Pass
17.	Nickel (as Ni)	ND	ND	ND	0.01	0.02	Comply§	Pass
18.	Terbium (as Tb)	ND	ND	ND	0.01	0.05	Comply§	Pass
19.	Zinc (as Zn)	ND	ND	ND	0.5	5	Comply§	Pass

Note:

- * The compliance with the specific migration limit shall be evaluated by applying the specific performance criterion stated in Annex V of Regulation (EU) No 10/2011 and its amendments. Please refer to Remark #2 in Appendix for further information.
- § The compliance of the stability of the tested material shall be evaluated by applying the stability rule stated in point 2.1.6 under Chapter 2 of Annex V of Regulation (EU) No 10/2011 and its amendments. Please refer to Remark #1 in Appendix for further information.

TEST REPORT



Test Report No. GGN/H(FCM)/26/002457

Dated 2026.07.27

Dishwasher suitability (##)

Test Specification(s): Applicant's specification(s);
Test method(s) adopted: In-house method {LAB_P(H)_ITP_02};
Number of cycles: 10 (Applicant's -specified);
Duration of one cycle: 120±10 minutes

Sample Name	Test Result(s) / Observation(s) (#)
Sample Q - Chopping Board 034 (306 X 206 X 7.5 mm) (Assorted) / Yellow	No visual changes observed.
(#) Observations were made with unaided eye.	

Abbreviations

"mg/kg" denotes milligram per kilogram & is equivalent to ppm (parts per million); "ND" denotes Not Detected or below limit of quantification; "°C" denotes degree Celsius; "%" denotes percent; "% (v/v)" denotes percent by volume.; "% (w/v)" denotes percent in terms of mass / weight per unit volume; "mg/dm²" denotes milligram per square decimetre; "mm" denotes millimetre; "g/m²" denotes Grams per Square Meter.

TEST REPORT



Test Report No. GGN/H(FCM)/26/002457

Dated 2026.07.27

Appendix

1. According to Point 3.3.2 under Chapter 3 of Annex V of Regulation (EU) No 10/2011 and its amendments, the stability of repeated use material or article, the sample shall be considered non-compliant if:
 $m_{,3} > \text{OML}$, or,
 $m_{,1} < m_{,2}$, or,
 $m_{,2} < m_{,3}$, or,
 $m_{,1} < m_{,3}$
 The compliance with the OML and the stability rule shall be evaluated applying the following criteria:
 - If $(m_{,3} - \text{OML})/[(u(m_{,3}))] > 1.64$, then the third migration is higher than the OML,
 - If $(m_{,2} - m_{,1})/[(u(m_{,2}) + u(m_{,1}))] > 1.64$, then the first migration is smaller than the second migration,
 - If $(m_{,3} - m_{,2})/[(u(m_{,3}) + u(m_{,2}))] > 1.64$, then the second migration is smaller than the third migration,
 - If $(m_{,3} - m_{,1})/[(u(m_{,3}) + u(m_{,1}))] > 1.64$, the first migration is smaller than the third migration.

Where:
 - **OML** is the overall migration limit
 - **m** is the overall migration test result
 - **m_{,1}, m_{,2} and m_{,3}** are respectively the m during the first, the second and the third migration test
 - **u(m)** is the standard measurement uncertainty of m of the analytical method as determined by the laboratory.
2. According to Annex V of Regulation (EU) No 10/2011 and its amendments, the compliance with the SML shall be determined by evaluating m_c against the SML by applying the following specific performance criterion:

 If $(m_c - \text{SML})/[(u(m_c))] > 1.64$, then m_c exceeds the SML

Where:
 - **SML** is the specific migration limit
 - **m_c** is the specific migration test result of a substance
 - **u(m_c)** is the standard measurement uncertainty of m_c, which shall be determined by $u(m_c) = \text{CV}_R \times m_c$
 - **CV_R** is the reproducibility coefficient of variation
 - **CV_R = 0.22** for $m_c < 0.12 \times 10^{-6} \text{ kg/kg}$ and
 - **CV_R = $2^{(1-\frac{1}{2}\log(m_c))}/100$** for $0.12 \times 10^{-6} \text{ kg/kg} \leq m_c \leq 0.138 \text{ kg/kg}$
3. According to Point 2.1.6 under Chapter 2 of Annex V of Regulation (EU) No 10/2011 and its amendments, the stability of repeated use material or article, the sample shall be considered non-compliant if:
 $m_{c,3} > \text{SML}$, or,
 $m_{c,1} < m_{c,2}$, or,
 $m_{c,2} < m_{c,3}$, or,
 $m_{c,1} < m_{c,3}$
 The compliance with the SML and the stability rule shall be evaluated applying the following criteria:
 - If $(m_{c,3} - \text{SML})/[(u(m_{c,3}))] > 1.64$, then the third migration is higher than the SML,
 - If $(m_{c,2} - m_{c,1})/[(u(m_{c,2}) + u(m_{c,1}))] > 1.64$, then the first migration is smaller than the second migration,
 - If $(m_{c,3} - m_{c,2})/[(u(m_{c,3}) + u(m_{c,2}))] > 1.64$, then the second migration is smaller than the third migration,
 - If $(m_{c,3} - m_{c,1})/[(u(m_{c,3}) + u(m_{c,1}))] > 1.64$, the first migration is smaller than the third migration.

Where:
 - **SML** is the specific migration limit
 - **m_c** is the specific migration test result of a substance
 - **m_{c,1}, m_{c,2} and m_{c,3}** are respectively the m_c during the first, the second and the third migration test
 - **u(m_c)** is the standard measurement uncertainty of m_c, which shall be determined by $u(m_c) = \text{CV}_R \times m_c$
 - **CV_R** is the reproducibility coefficient of variation
 - **CV_R = 0.22** for $m_c < 0.12 \times 10^{-6} \text{ kg/kg}$ and
 - **CV_R = $2^{(1-\frac{1}{2}\log(m_c))}/100$** for $0.12 \times 10^{-6} \text{ kg/kg} \leq m_c \leq 0.138 \text{ kg/kg}$

--- END OF THE TEST REPORT ---