

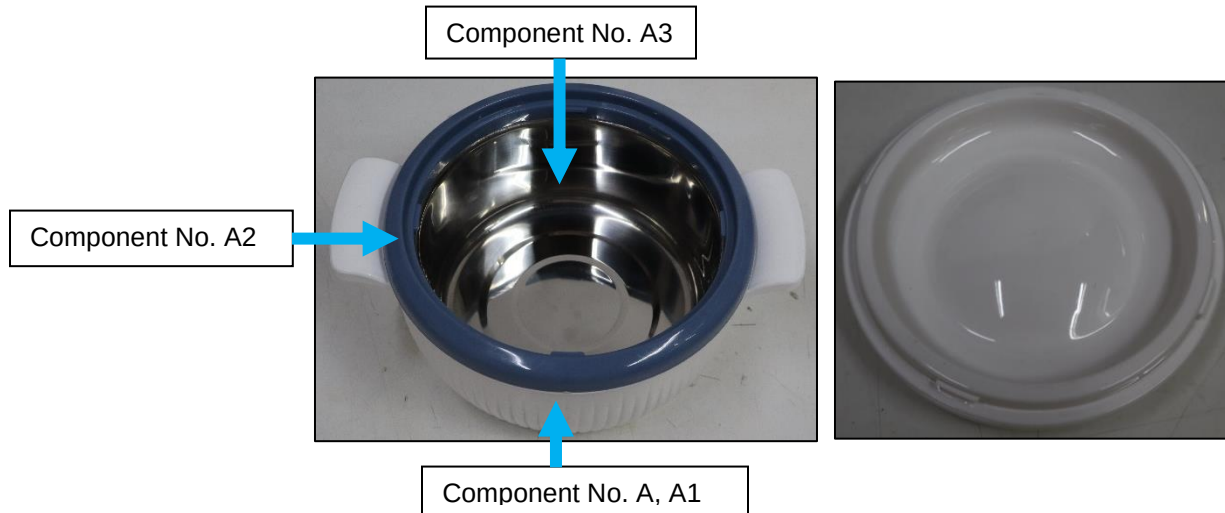
TEST REPORT



Test Report No. GGN/H(FCM)/25/001894 A1

Dated. 2025.06.20

Sample Image(s) (As Received)



Finished Sample Image



TEST REPORT



Test Report No. GGN/H(FCM)/25/001894 A1

Dated. 2025.06.20

Applicant / Company Name : All Time Plastics Ltd
Address : Plot No.377/1 (1&2) & 371/1(C), Kachigam Char rasta, Daman (U.T) 396210
Attention / Contact Person : Zarir Patel
Tested Sample : Received on 2025.06.03 at 07:22 P.M.
Test Period : 2025.06.04 To 2025.06.13 (**)
Article / Sample Description : Solaris Casserole (1000/1600/2200) (4800 ML) (Alltime) (Assorted) (3 Pc Set)
Colour : White
Product Type / End Use : Hot Pot
Barcode : 8902084028722
HSN Code : 39241090
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. The testing conditions are followed as per the reported test standard. For additional test conditions, apart from the reported test conditions, the laboratory can be contacted for details.

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.

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>

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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

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Page 2 of 13

TEST REPORT



Test Report No. GGN/H(FCM)/25/001894 A1

Dated. 2025.06.20

Remarks:

1. Sample(s) is / are tested as on-received basis.
2. Test(s) performed as requested by applicant.
3. Conclusion(s) of the test(s) was drawn as per compliance requirement(s) specified by applicant.
4. (##) Marked Test is not under ISO/IEC 17025:2017 accreditation.
5. As confirmed by applicant Component No. A, A1, A2, A3 Same as component No. B, B1, A1, A3 of Report No. GGN/H(FCM)/25/001798
6. (**) Test Results of component No. A, A1, A2, and A3 have been incorporated from report number GGN/H(FCM)/25/001798 as per the applicant's request.

Report Amendment Remarks: The report no GGN/H(FCM)/25/001894 dated 2025-06-19 has been superseded. The test report is amended in terms of correction in material name.

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

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TEST REPORT



Test Report No. GGN/H(FCM)/25/001894 A1

Dated. 2025.06.20

Summary of Test Result(s)

S. No.	Test(s)	Conclusion (#)
1.	Overall Migration	Pass
2.	Specific migration of heavy metals	Pass
3.	Total Lead Content	Pass
4.	Total Cadmium Content	Pass
5.	Bisphenol A (BPA) content	Observations / Refer results
6.	Metal Composition	Pass
7.	Migration of / Extractable elements	Pass
8.	Resistance to corrosion	Observations / Refer results
9.	Dishwasher suitability	Observations / Refer results
(#) 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	Remarks
A	Casserole	-	White	Same as B of Report No. GGN/H(FCM)/25/001798
A1	White plastic	Plastic	White	Same as B1 of Report No. GGN/H(FCM)/25/001798
A2	Light blue plastic	Plastic	Moonlight	Same as A1 of Report No. GGN/H(FCM)/25/001798
A3	Silver metal	SS	Silver	Same as A3 of Report No. GGN/H(FCM)/25/001798

TEST REPORT



Test Report No. GGN/H(FCM)/25/001894 A1

Dated. 2025.06.20

Sampling plan (As requested by applicant)

S. No.	Test	Component No.		
1.	Overall Migration	A1		A2
2.	Specific migration of heavy metals	A1		A2
3.	Total Lead Content	A1	A2	A3
4.	Total Cadmium Content	A1	A2	A3
5.	Bisphenol A (BPA) content	A1		A2
6.	Metal Composition	A3		
7.	Migration of / Extractable elements	A3		

TEST REPORT



Test Report No. GGN/H(FCM)/25/001894 A1

Dated. 2025.06.20

Test Result(s):

Overall Migration

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

Test method(s) adopted: EN 1186: 2002.

Simulant(s) used: Refer below.

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

S. No.	Simulant Used	Test condition	Result (mg/dm ²) Component No.		Maximum Permissible Limit (mg/dm ²)
			A1	A2	
1.	3% Acetic Acid	70 °C for 2 Hours	ND	ND	10
2.	10% Ethanol	70 °C for 2 Hours	ND	ND	10
3.	95% Ethanol	60°C for 2 hours	ND	ND	10
4.	Isooctane	40°C for 30 minutes	ND	ND	10
Conclusion			Pass	Pass	
Limit of quantification: 2.0 mg/dm ²					

TEST REPORT



Test Report No. GGN/H(FCM)/25/001894 A1

Dated. 2025.06.20

Specific migration of heavy metals

Test Specification(s) / Regulation(s): 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/3rd Migration).

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

S. No.	Heavy metal	Result (mg/kg) – Component No.		Limit of Quantification (mg/kg)	Compliance requirement / Limit Max. (mg/kg)
		A1	A2		
1.	Aluminium (as Al)	ND	ND	0.1	1
2.	Antimony (as Sb)	ND	ND	0.01	0.04
3.	Arsenic (As)	ND	ND	0.01	ND(DL0.01)
4.	Barium (as Ba)	ND	ND	0.1	1
5.	Cadmium (as Cd)	ND	ND	0.002	ND (DL:0.002)
6.	Chromium (as Cr)	ND	ND	0.01	ND (DL:0.01)
7.	Cobalt (as Co)	ND	ND	0.01	0.05
8.	Copper (as Cu)	ND	ND	0.1	5
9.	Europium (as Eu)	ND	ND	0.01	0.05
10.	Gadolinium (as Gd)	ND	ND	0.01	0.05
11.	Iron (as Fe)	ND	ND	0.1	48
12.	Lanthanum (as La)	ND	ND	0.01	0.05
13.	Lead (as Pb)	ND	ND	0.01	ND (DL:0.01)
14.	Lithium (as Li)	ND	ND	0.1	0.6
15.	Manganese (as Mn)	ND	ND	0.05	0.6
16.	Mercury (as Hg)	ND	ND	0.005	ND (DL:0.01)
17.	Nickel (as Ni)	ND	ND	0.01	0.02
18.	Terbium (as Tb)	ND	ND	0.01	0.05
19.	Zinc (as Zn)	ND	ND	0.1	5
Conclusion		Pass	Pass	--	--

TEST REPORT



Test Report No. GGN/H(FCM)/25/001894 A1

Dated. 2025.06.20

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: In-house method {(GTP_Chem_CPS_25134C) -Non-Metal and GTP_Chem_CPS_25133C for metal / (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.	A1	ND	10.0	Less than 500 mg/kg	Pass
2.	A2	ND	10.0	Less than 500 mg/kg	Pass
3.	A3	ND	10.0	Less than 500 mg/kg	Pass

TEST REPORT



Test Report No. GGN/H(FCM)/25/001894 A1

Dated. 2025.06.20

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 (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	Conclusion
1.	A1	ND	10.0	Less than 100 mg/kg	Pass
2.	A2	ND	10.0	Less than 100 mg/kg	Pass
3.	A3	ND	10.0	Less than 100 mg/kg	Pass

Bisphenol A (BPA) content

Test Specification(s): As Per Applicant's Specification.
Test method(s) adopted: GTP_Chem_CPS_25120 E
Equipment(s) used: LC – MS (Liquid Chromatograph – Mass Spectrometer).

S. No.	Component No.	Result (mg/kg)	Limit of quantification (mg/kg)
1.	A1	ND	0.1
2.	A2	ND	0.1

TEST REPORT



Test Report No. GGN/H(FCM)/25/001894 A1

Dated. 2025.06.20

Metal composition verification (##)

Test Specification(s) / Regulation(s): As per applicant's specification with reference to Fiche MCDA n°1 (V02 – 01/04/2017) Food contact suitability of metals and alloys {French Arrêté of 13th January, 1976, French Decree 2007-766 with amendments, Rules for metals & alloys intended to come into contact with foodstuffs DM / 4B / COM / 001 (superseding DGCCRF Information Notice 2004-64)};

Equipment(s) used: Arc Spark OES, Arc Spark – Optical Emission Spectrometer;

S. No.	Test parameter(s) / Element	Test Result(s) (%) – Component No.	Compliance Requirement (%)	Conclusion
		A3		
1.	Chromium (Cr)	16.350	Not less than 13.0	Pass
2.	Molybdenum (Mo)	0.119	Shall not exceed 4.0	Pass
3.	Copper (Cu)	1.494	Shall not exceed 4.0	Pass
4.	Titanium (Ti)	ND	Shall not exceed 4.0	Pass
5.	Niobium (Nb)	ND	Shall not exceed 1.0	Pass
6.	Aluminium (Al)	ND	Shall not exceed 4.0	Pass
7.	Tantalum (Ta)	0.549	Shall not exceed 1.0	Pass
8.	Zirconium (Zr)	ND	Shall not exceed 1.0	Pass

Limit of quantification:0.1%

TEST REPORT



Test Report No. GGN/H(FCM)/25/001894 A1

Dated. 2025.06.20

Migration of / Extractable elements

Test Method(s) & Specification(s): EDQM Technical Guide on Metals and Alloys used in food contact materials and articles, 2nd edition, 2024 and supplements Article 3 para (1-a) of Regulation (EC) No. 1935/2004.

Simulant(s) used: 0.5% citric acid

Test condition(s): 70°C for 2 hours (Repeated use/ 1st+2nd Migration);

Surface area to volume / Migration ratio: Sample A3 –2.8 dm²:500 ml.

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

Element	Limit of quantification (mg/kg)	Result(s) of (1 st + 2 nd) migration (mg/kg) – Component No.	Maximum Permissible Limit (mg/kg) / 7 times SRL
		A3	
Tin (as Sn)	1	ND	700
Copper (as Cu)	1	ND	28
Iron (as Fe)	1	ND	280
Manganese (as Mn)	0.1	ND	3.85
Zinc (as Zn)	1	ND	35
Aluminium (as Al)	1	ND	35
Nickel (as Ni)	0.02	ND	0.98
Chromium (as Cr)	0.2	ND	7
Barium (as Ba)	0.2	ND	8.4
Lithium (as Li)	0.02	ND	0.336
Beryllium (as Be)	0.002	ND	0.07
Vanadium (as V)	0.002	ND	0.07
Cobalt (as Co)	0.01	ND	0.14
Arsenic (as As)	0.001	ND	0.014
Molybdenum (as Mo)	0.02	ND	0.84
Silver (as Ag)	0.02	ND	0.56
Cadmium (as Cd)	0.002	ND	0.035
Antimony (as Sb)	0.02	ND	0.28
Mercury (as Hg)	0.001	ND	0.021
Thallium (as Tl)	0.001	ND	0.007
Lead (as Pb)	0.002	ND	0.070
Magnesium (as Mg)	1	ND	---
Titanium (as Ti)	1	ND	---
Zirconium (Zr)	0.2	ND	14
Conclusion		Pass	--

TEST REPORT



Test Report No. GGN/H(FCM)/25/001894 A1

Dated. 2025.06.20

Migration of / Extractable elements

Test Method(s) & Specification(s): EDQM Technical Guide on Metals and Alloys used in food contact materials and articles, 2nd edition, 2024 and supplements Article 3 para (1-a) of Regulation (EC) No. 1935/2004.

Simulant(s) used: 0.5% citric acid

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

Surface area to volume / Migration ratio: Sample A3 –2.8 dm²:500 ml

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

Element	Limit of quantification (mg/kg)	Result(s) of 3 rd migration (mg/kg) – Component No.	Maximum Permissible Limit (mg/kg) / SRL
		A3	
Tin (as Sn)	1	ND	100
Copper (as Cu)	1	ND	4
Iron (as Fe)	1	ND	40
Manganese (as Mn)	0.1	ND	0.55
Zinc (as Zn)	1	ND	5
Aluminium (as Al)	1	ND	5
Nickel (as Ni)	0.02	ND	0.14
Chromium (as Cr)	0.2	ND	1.0
Barium (as Ba)	0.2	ND	1.2
Lithium (as Li)	0.02	ND	0.048
Beryllium (as Be)	0.002	ND	0.01
Vanadium (as V)	0.002	ND	0.01
Cobalt (as Co)	0.01	ND	0.02
Arsenic (as As)	0.001	ND	0.002
Molybdenum (as Mo)	0.02	ND	0.12
Silver (as Ag)	0.02	ND	0.08
Cadmium (as Cd)	0.002	ND	0.005
Antimony (as Sb)	0.02	ND	0.04
Mercury (as Hg)	0.001	ND	0.003
Thallium (as Tl)	0.001	ND	0.001
Lead (as Pb)	0.002	ND	0.010
Magnesium (as Mg)	1	ND	---
Titanium (as Ti)	1	ND	---
Zirconium (Zr)	0.2	ND	2.0
Conclusion		Pass	---

TEST REPORT



Test Report No. GGN/H(FCM)/25/001894 A1

Dated. 2025.06.20

Resistance to corrosion test as per ISO 9227-22

Test specification(s): Applicant's specification.

Test method(s) adopted: Applicant's specification with reference to ISO 9227:2022 (Neutral Salt Spray)

Equipment used: Salt Spray Tester.

Test condition(s):

- (iii) Concentration of Salt {Sodium chloride (NaCl)} Solution: 1 %
- (ii) Chamber temperature: $(35 \pm 2) ^\circ\text{C}$
- (iii) Exposure period: 24 hours (Applicant's specification)

Tested Sample	Test Result(s) / Observation(s)
Sample A	No visual changes observed

Dishwasher suitability

Test method(s) adopted: In-house test method with reference to EN 12875-1:2005 - Mechanical dishwashing resistance of utensils- Part 1: Reference test method for domestic articles.

Number of cycles: 05 (Applicant's - specified);

Duration of one cycle: 90 ± 10 minutes;

Tested Sample	Test Result(s) / Observation(s) (*)
Sample A	1 st cycle: No Visual change observed.
	2 nd cycle: No Visual change observed.
	3 rd Cycle: No Visual change observed.
	4 th Cycle: No Visual change observed.
	5 th Cycle: No Visual change 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; "%".

--- END OF THE TEST REPORT ---

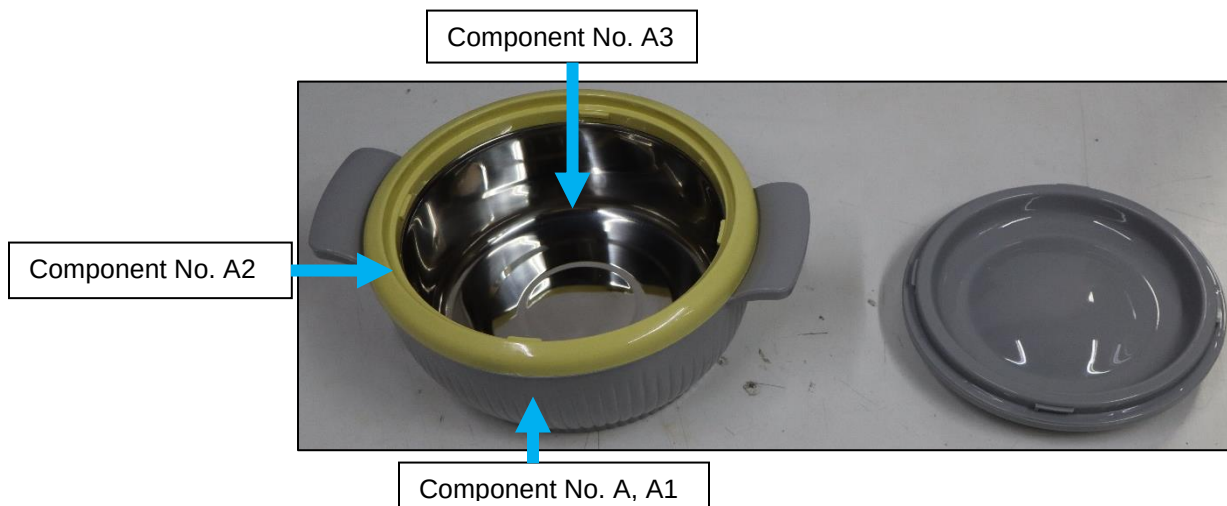
TEST REPORT



Test Report No. GGN/H(FCM)/25/001895

Dated. 2025.06.19

Sample Image(s) (As Received)



Finished Sample Image



TEST REPORT



Test Report No. GGN/H(FCM)/25/001895

Dated. 2025.06.19

Applicant / Company Name : All Time Plastics Ltd
Address : Plot No.377/1 (1&2) & 371/1(C), Kachigam Char rasta, Daman (U.T) 396210
Attention / Contact Person : Zarir Patel
Tested Sample : Received on 2025.06.03 at 07:22 P.M.
Test Period : 2025.06.04 To 2025.06.13 (**)
Article / Sample Description : Solaris Casserole (1000/1600/2200) (4800 ML) (Alltime) (Assorted) (3 Pc Set)
Colour : Grey (Soft Silver)
Product Type / End Use : Hot Pot
Barcode : 8902084028722
HSN Code : 39241090
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"

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TEST REPORT



Test Report No. GGN/H(FCM)/25/001895

Dated. 2025.06.19

Remarks:

1. Sample(s) is / are tested as on-received basis.
2. Test(s) performed as requested by applicant.
3. Conclusion(s) of the test(s) was drawn as per compliance requirement(s) specified by applicant.
4. (##) Marked Test is not under ISO/IEC 17025:2017 accreditation.
5. As confirmed by applicant Component No. A, A1, A2, A3 Same as component No. C, C1, C2, A3 of Report No. GGN/H(FCM)/25/001798
6. (**) Test Results of component No. A, A1, A2, and A3 have been incorporated from report number GGN/H(FCM)/25/001798 as per the applicant's request.

Authorized By

Ankit Kumar Arya
(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

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TEST REPORT



Test Report No. GGN/H(FCM)/25/001895

Dated. 2025.06.19

Summary of Test Result(s)

S. No.	Test(s)	Conclusion (#)
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3.	Total Lead Content	Pass
4.	Total Cadmium Content	Pass
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7.	Migration of / Extractable elements	Pass
8.	Resistance to corrosion	Observations / Refer results
9.	Dishwasher suitability	Observations / Refer results
(#) 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	Remarks
A	Casserole	-	Grey (Soft Silver)	Same as C of Report No. GGN/H(FCM)/25/001798
A1	Grey plastic	Plastic	Grey (Soft Silver)	Same as C1 of Report No. GGN/H(FCM)/25/001798
A2	Yellow plastic	Plastic	Yellow	Same as C2 of Report No. GGN/H(FCM)/25/001798
A3	Silver metal	SS	Silver	Same as A3 of Report No. GGN/H(FCM)/25/001798

TEST REPORT



Test Report No. GGN/H(FCM)/25/001895

Dated. 2025.06.19

Sampling plan (As requested by applicant)

S. No.	Test	Component No.		
1.	Overall Migration	A1	A2	
2.	Specific migration of heavy metals	A1	A2	
3.	Total Lead Content	A1	A2	A3
4.	Total Cadmium Content	A1	A2	A3
5.	Bisphenol A (BPA) content	A1		A2
6.	Metal Composition	A3		
7.	Migration of / Extractable elements	A3		

TEST REPORT



Test Report No. GGN/H(FCM)/25/001895

Dated. 2025.06.19

Test Result(s):

Overall Migration

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

Test method(s) adopted: EN 1186: 2002.

Simulant(s) used: Refer below.

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

S. No.	Simulant Used	Test condition	Result (mg/dm ²) Component No.		Maximum Permissible Limit (mg/dm ²)
			A1	A2	
1.	3% Acetic Acid	70 °C for 2 Hours	ND	ND	10
2.	10% Ethanol	70 °C for 2 Hours	ND	ND	10
3.	95% Ethanol	60°C for 2 hours	ND	ND	10
4.	Isooctane	40°C for 30 minutes	ND	ND	10
Conclusion			Pass	Pass	
Limit of quantification: 2.0 mg/dm ²					

TEST REPORT



Test Report No. GGN/H(FCM)/25/001895

Dated. 2025.06.19

Specific migration of heavy metals

Test Specification(s) / Regulation(s): 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/3rd Migration).

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

S. No.	Heavy metal	Result (mg/kg) – Component No.		Limit of Quantification (mg/kg)	Compliance requirement / Limit Max. (mg/kg)
		A1	A2		
1.	Aluminium (as Al)	ND	ND	0.1	1
2.	Antimony (as Sb)	ND	ND	0.01	0.04
3.	Arsenic (As)	ND	ND	0.01	ND(DL0.01)
4.	Barium (as Ba)	ND	ND	0.1	1
5.	Cadmium (as Cd)	ND	ND	0.002	ND (DL:0.002)
6.	Chromium (as Cr)	ND	ND	0.01	ND (DL:0.01)
7.	Cobalt (as Co)	ND	ND	0.01	0.05
8.	Copper (as Cu)	ND	ND	0.1	5
9.	Europium (as Eu)	ND	ND	0.01	0.05
10.	Gadolinium (as Gd)	ND	ND	0.01	0.05
11.	Iron (as Fe)	ND	ND	0.1	48
12.	Lanthanum (as La)	ND	ND	0.01	0.05
13.	Lead (as Pb)	ND	ND	0.01	ND (DL:0.01)
14.	Lithium (as Li)	ND	ND	0.1	0.6
15.	Manganese (as Mn)	ND	ND	0.05	0.6
16.	Mercury (as Hg)	ND	ND	0.005	ND (DL:0.01)
17.	Nickel (as Ni)	ND	ND	0.01	0.02
18.	Terbium (as Tb)	ND	ND	0.01	0.05
19.	Zinc (as Zn)	ND	ND	0.1	5
Conclusion		Pass	Pass	--	--

TEST REPORT



Test Report No. GGN/H(FCM)/25/001895

Dated. 2025.06.19

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: In-house method {(GTP_Chem_CPS_25134C) -Non-Metal and GTP_Chem_CPS_25133C for metal / (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.	A1	ND	10.0	Less than 500 mg/kg	Pass
2.	A2	ND	10.0	Less than 500 mg/kg	Pass
3.	A3	ND	10.0	Less than 500 mg/kg	Pass

TEST REPORT



Test Report No. GGN/H(FCM)/25/001895

Dated. 2025.06.19

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 (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	Conclusion
1.	A1	ND	10.0	Less than 100 mg/kg	Pass
2.	A2	ND	10.0	Less than 100 mg/kg	Pass
3.	A3	ND	10.0	Less than 100 mg/kg	Pass

Bisphenol A (BPA) content

Test Specification(s): As Per Applicant's Specification.

Test method(s) adopted: GTP_Chem_CPS_25120 E

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

S. No.	Component No.	Result (mg/kg)	Limit of quantification (mg/kg)
1.	A1	ND	0.1
2.	A2	ND	0.1

TEST REPORT



Test Report No. GGN/H(FCM)/25/001895

Dated. 2025.06.19

Metal composition verification (##)

Test Specification(s) / Regulation(s): As per applicant's specification with reference to Fiche MCDA n°1 (V02 – 01/04/2017) Food contact suitability of metals and alloys {French Arrêté of 13th January, 1976, French Decree 2007-766 with amendments, Rules for metals & alloys intended to come into contact with foodstuffs DM / 4B / COM / 001 (superseding DGCCRF Information Notice 2004-64)};

Equipment(s) used: Arc Spark OES, Arc Spark - Optical Emission Spectrometer;

S. No.	Test parameter(s) / Element	Test Result(s) (%) – Component No.	Compliance Requirement (%)	Conclusion
		A3		
1.	Chromium (Cr)	16.350	Not less than 13.0	Pass
2.	Molybdenum (Mo)	0.119	Shall not exceed 4.0	Pass
3.	Copper (Cu)	1.494	Shall not exceed 4.0	Pass
4.	Titanium (Ti)	ND	Shall not exceed 4.0	Pass
5.	Niobium (Nb)	ND	Shall not exceed 1.0	Pass
6.	Aluminium (Al)	ND	Shall not exceed 4.0	Pass
7.	Tantalum (Ta)	0.549	Shall not exceed 1.0	Pass
8.	Zirconium (Zr)	ND	Shall not exceed 1.0	Pass

Limit of quantification:0.1%

TEST REPORT



Test Report No. GGN/H(FCM)/25/001895

Dated. 2025.06.19

Migration of / Extractable elements

Test Method(s) & Specification(s): EDQM Technical Guide on Metals and Alloys used in food contact materials and articles, 2nd edition, 2024 and supplements Article 3 para (1-a) of Regulation (EC) No. 1935/2004.

Simulant(s) used: 0.5% citric acid

Test condition(s): 70°C for 2 hours (Repeated use/ 1st+2nd Migration);

Surface area to volume / Migration ratio: Sample A3 –2.8 dm²:500 ml.

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

Element	Limit of quantification (mg/kg)	Result(s) of (1 st + 2 nd) migration (mg/kg) – Component No.	Maximum Permissible Limit (mg/kg) / 7 times SRL
		A3	
Tin (as Sn)	1	ND	700
Copper (as Cu)	1	ND	28
Iron (as Fe)	1	ND	280
Manganese (as Mn)	0.1	ND	3.85
Zinc (as Zn)	1	ND	35
Aluminium (as Al)	1	ND	35
Nickel (as Ni)	0.02	ND	0.98
Chromium (as Cr)	0.2	ND	7
Barium (as Ba)	0.2	ND	8.4
Lithium (as Li)	0.02	ND	0.336
Beryllium (as Be)	0.002	ND	0.07
Vanadium (as V)	0.002	ND	0.07
Cobalt (as Co)	0.01	ND	0.14
Arsenic (as As)	0.001	ND	0.014
Molybdenum (as Mo)	0.02	ND	0.84
Silver (as Ag)	0.02	ND	0.56
Cadmium (as Cd)	0.002	ND	0.035
Antimony (as Sb)	0.02	ND	0.28
Mercury (as Hg)	0.001	ND	0.021
Thallium (as Tl)	0.001	ND	0.007
Lead (as Pb)	0.002	ND	0.070
Magnesium (as Mg)	1	ND	---
Titanium (as Ti)	1	ND	---
Zirconium (Zr)	0.2	ND	14
Conclusion		Pass	--

TEST REPORT



Test Report No. GGN/H(FCM)/25/001895

Dated. 2025.06.19

Migration of / Extractable elements

Test Method(s) & Specification(s): EDQM Technical Guide on Metals and Alloys used in food contact materials and articles, 2nd edition, 2024 and supplements Article 3 para (1-a) of Regulation (EC) No. 1935/2004.

Simulant(s) used: 0.5% citric acid

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

Surface area to volume / Migration ratio: Sample A3 –2.8 dm²:500 ml

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

Element	Limit of quantification (mg/kg)	Result(s) of 3 rd migration (mg/kg) – Component No.	Maximum Permissible Limit (mg/kg) / SRL
		A3	
Tin (as Sn)	1	ND	100
Copper (as Cu)	1	ND	4
Iron (as Fe)	1	ND	40
Manganese (as Mn)	0.1	ND	0.55
Zinc (as Zn)	1	ND	5
Aluminium (as Al)	1	ND	5
Nickel (as Ni)	0.02	ND	0.14
Chromium (as Cr)	0.2	ND	1.0
Barium (as Ba)	0.2	ND	1.2
Lithium (as Li)	0.02	ND	0.048
Beryllium (as Be)	0.002	ND	0.01
Vanadium (as V)	0.002	ND	0.01
Cobalt (as Co)	0.01	ND	0.02
Arsenic (as As)	0.001	ND	0.002
Molybdenum (as Mo)	0.02	ND	0.12
Silver (as Ag)	0.02	ND	0.08
Cadmium (as Cd)	0.002	ND	0.005
Antimony (as Sb)	0.02	ND	0.04
Mercury (as Hg)	0.001	ND	0.003
Thallium (as Tl)	0.001	ND	0.001
Lead (as Pb)	0.002	ND	0.010
Magnesium (as Mg)	1	ND	---
Titanium (as Ti)	1	ND	---
Zirconium (Zr)	0.2	ND	2.0
Conclusion		Pass	---

TEST REPORT



Test Report No. GGN/H(FCM)/25/001895

Dated. 2025.06.19

Resistance to corrosion test as per ISO 9227-22

Test specification(s): Applicant's specification.

Test method(s) adopted: Applicant's specification with reference to ISO 9227:2022 (Neutral Salt Spray)

Equipment used: Salt Spray Tester.

Test condition(s):

(i) Concentration of Salt {Sodium chloride (NaCl)} Solution: 1 %

(ii) Chamber temperature: $(35 \pm 2) ^\circ\text{C}$

(iii) Exposure period: 24 hours (Applicant's specification)

Tested Sample	Test Result(s) / Observation(s)
Sample A	No visual changes observed

Dishwasher suitability

Test method(s) adopted: In-house test method with reference to EN 12875-1:2005 - Mechanical dishwashing resistance of utensils- Part 1: Reference test method for domestic articles.

Number of cycles: 05 (Applicant's - specified);

Duration of one cycle: 90 ± 10 minutes;

Tested Sample	Test Result(s) / Observation(s) (*)
Sample A	1 st cycle: No Visual change observed.
	2 nd cycle: No Visual change observed.
	3 rd Cycle: No Visual change observed.
	4 th Cycle: No Visual change observed.
	5 th Cycle: No Visual change 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; " $^\circ\text{C}$ " denotes degree Celsius; "%" denotes percent; "%".

--- END OF THE TEST REPORT ---

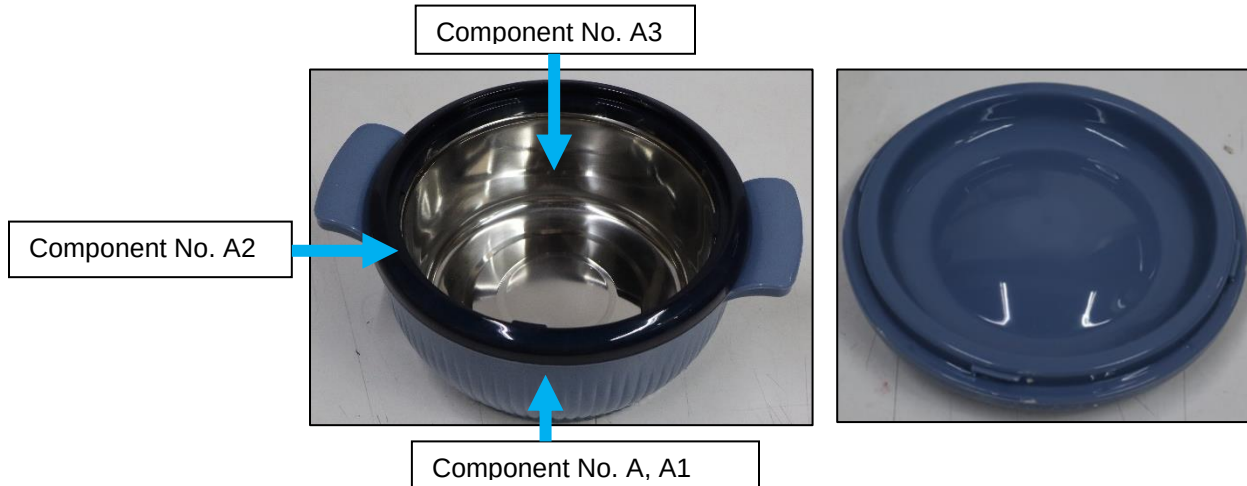
TEST REPORT



Test Report No. GGN/H(FCM)/25/001893

Dated. 2025.06.19

Sample Image(s) (As Received)



Finished Sample Image



TEST REPORT



Test Report No. GGN/H(FCM)/25/001893

Dated. 2025.06.19

Applicant / Company Name : All Time Plastics Ltd
Address : Plot No.377/1 (1&2) & 371/1(C), Kachigam Char rasta, Daman (U.T) 396210
Attention / Contact Person : Zarir Patel
Tested Sample : Received on 2025.06.03 at 07:22 P.M.
Test Period : 2025.06.04 To 2025.06.13 (**)
Article / Sample Description : Solaris Casserole (1000/1600/2200) (4800 ML) (Alltime) (Assorted) (3 Pc Set)
Colour : Moonlight
Product Type / End Use : Hot Pot
Barcode : 8902084028722
HSN Code : 39241090
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. The testing conditions are followed as per the reported test standard. For additional test conditions, apart from the reported test conditions, the laboratory can be contacted for details.
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.

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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

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

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Mumbai – 400072. India

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TEST REPORT



Test Report No. GGN/H(FCM)/25/001893

Dated. 2025.06.19

Remarks:

1. Sample(s) is / are tested as on-received basis.
2. Test(s) performed as requested by applicant.
3. Conclusion(s) of the test(s) was drawn as per compliance requirement(s) specified by applicant.
4. (##) Marked Test is not under ISO/IEC 17025:2017 accreditation.
5. As confirmed by applicant Component No. A, A1, A2, A3 Same as component No. A, A1, A2, A3 of Report No. GGN/H(FCM)/25/001798
6. (**) Test Results of component No. A, A1, A2, and A3 have been incorporated from report number GGN/H(FCM)/25/001798 as per the applicant's request.

Authorized By

Ankit Kumar Arya
(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

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

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Laboratory:
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Off Saki Vihar Road
Saki Naka, Andheri (East),
Mumbai – 400072. India

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TEST REPORT



Test Report No. GGN/H(FCM)/25/001893

Dated. 2025.06.19

Summary of Test Result(s)

S. No.	Test(s)	Conclusion (#)
1.	Overall Migration	Pass
2.	Specific migration of heavy metals	Pass
3.	Total Lead Content	Pass
4.	Total Cadmium Content	Pass
5.	Bisphenol A (BPA) content	Observations / Refer results
6.	Metal Composition	Pass
7.	Migration of / Extractable elements	Pass
8.	Resistance to corrosion	Observations / Refer results
9.	Dishwasher suitability	Observations / Refer results
(#) 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	Remarks
A	Casserole	-	Moonlight	Same as A of Report No. GGN/H(FCM)/25/001798
A1	Light blue plastic	Plastic	Moonlight	Same as A1 of Report No. GGN/H(FCM)/25/001798
A2	Navy blue plastic	Plastic	Navy blue	Same as A2 of Report No. GGN/H(FCM)/25/001798
A3	Silver metal	SS	Silver	Same as A3 of Report No. GGN/H(FCM)/25/001798

TEST REPORT



Test Report No. GGN/H(FCM)/25/001893

Dated. 2025.06.19

Sampling plan (As requested by applicant)

S. No.	Test	Component No.		
1.	Overall Migration	A1	A2	
2.	Specific migration of heavy metals	A1	A2	
3.	Total Lead Content	A1	A2	A3
4.	Total Cadmium Content	A1	A2	A3
5.	Bisphenol A (BPA) content	A1		A2
6.	Metal Composition	A3		
7.	Migration of / Extractable elements	A3		

TEST REPORT



Test Report No. GGN/H(FCM)/25/001893

Dated. 2025.06.19

Test Result(s):

Overall Migration

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

Test method(s) adopted: EN 1186: 2002.

Simulant(s) used: Refer below.

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

S. No.	Simulant Used	Test condition	Result (mg/dm ²) Component No.		Maximum Permissible Limit (mg/dm ²)
			A1	A2	
1.	3% Acetic Acid	70 °C for 2 Hours	ND	ND	10
2.	10% Ethanol	70 °C for 2 Hours	ND	ND	10
3.	95% Ethanol	60°C for 2 hours	ND	ND	10
4.	Isooctane	40°C for 30 minutes	ND	ND	10
Conclusion			Pass	Pass	
Limit of quantification: 2.0 mg/dm ²					

TEST REPORT



Test Report No. GGN/H(FCM)/25/001893

Dated. 2025.06.19

Specific migration of heavy metals

Test Specification(s) / Regulation(s): 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/3rd Migration).

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

S. No.	Heavy metal	Result (mg/kg) – Component No.		Limit of Quantification (mg/kg)	Compliance requirement / Limit Max. (mg/kg)
		A1	A2		
1.	Aluminium (as Al)	ND	ND	0.1	1
2.	Antimony (as Sb)	ND	ND	0.01	0.04
3.	Arsenic (As)	ND	ND	0.01	ND(DL0.01)
4.	Barium (as Ba)	ND	ND	0.1	1
5.	Cadmium (as Cd)	ND	ND	0.002	ND (DL:0.002)
6.	Chromium (as Cr)	ND	ND	0.01	ND (DL:0.01)
7.	Cobalt (as Co)	ND	ND	0.01	0.05
8.	Copper (as Cu)	ND	ND	0.1	5
9.	Europium (as Eu)	ND	ND	0.01	0.05
10.	Gadolinium (as Gd)	ND	ND	0.01	0.05
11.	Iron (as Fe)	ND	ND	0.1	48
12.	Lanthanum (as La)	ND	ND	0.01	0.05
13.	Lead (as Pb)	ND	ND	0.01	ND (DL:0.01)
14.	Lithium (as Li)	ND	ND	0.1	0.6
15.	Manganese (as Mn)	ND	ND	0.05	0.6
16.	Mercury (as Hg)	ND	ND	0.005	ND (DL:0.01)
17.	Nickel (as Ni)	ND	ND	0.01	0.02
18.	Terbium (as Tb)	ND	ND	0.01	0.05
19.	Zinc (as Zn)	ND	ND	0.1	5
Conclusion		Pass	Pass	--	--

TEST REPORT



Test Report No. GGN/H(FCM)/25/001893

Dated. 2025.06.19

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: In-house method {(GTP_Chem_CPS_25134C) -Non-Metal and GTP_Chem_CPS_25133C for metal / (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.	A1	ND	10.0	Less than 500 mg/kg	Pass
2.	A2	ND	10.0	Less than 500 mg/kg	Pass
3.	A3	ND	10.0	Less than 500 mg/kg	Pass

TEST REPORT



Test Report No. GGN/H(FCM)/25/001893

Dated. 2025.06.19

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 (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	Conclusion
1.	A1	ND	10.0	Less than 100 mg/kg	Pass
2.	A2	ND	10.0	Less than 100 mg/kg	Pass
3.	A3	ND	10.0	Less than 100 mg/kg	Pass

Bisphenol A (BPA) content

Test Specification(s): As Per Applicant's Specification.
Test method(s) adopted: GTP_Chem_CPS_25120 E
Equipment(s) used: LC – MS (Liquid Chromatograph – Mass Spectrometer).

S. No.	Component No.	Result (mg/kg)	Limit of quantification (mg/kg)
1.	A1	ND	0.1
2.	A2	ND	0.1

TEST REPORT



Test Report No. GGN/H(FCM)/25/001893

Dated. 2025.06.19

Metal composition verification (##)

Test Specification(s) / Regulation(s): As per applicant's specification with reference to Fiche MCDA n°1 (V02 – 01/04/2017) Food contact suitability of metals and alloys {French Arrêté of 13th January, 1976, French Decree 2007-766 with amendments, Rules for metals & alloys intended to come into contact with foodstuffs DM / 4B / COM / 001 (superseding DGCCRF Information Notice 2004-64)};

Equipment(s) used: Arc Spark OES, Arc Spark - Optical Emission Spectrometer;

S. No.	Test parameter(s) / Element	Test Result(s) (%) – Component No.	Compliance Requirement (%)	Conclusion
		A3		
1.	Chromium (Cr)	16.350	Not less than 13.0	Pass
2.	Molybdenum (Mo)	0.119	Shall not exceed 4.0	Pass
3.	Copper (Cu)	1.494	Shall not exceed 4.0	Pass
4.	Titanium (Ti)	ND	Shall not exceed 4.0	Pass
5.	Niobium (Nb)	ND	Shall not exceed 1.0	Pass
6.	Aluminium (Al)	ND	Shall not exceed 4.0	Pass
7.	Tantalum (Ta)	0.549	Shall not exceed 1.0	Pass
8.	Zirconium (Zr)	ND	Shall not exceed 1.0	Pass

Limit of quantification:0.1%

TEST REPORT



Test Report No. GGN/H(FCM)/25/001893

Dated. 2025.06.19

Migration of / Extractable elements

Test Method(s) & Specification(s): EDQM Technical Guide on Metals and Alloys used in food contact materials and articles, 2nd edition, 2024 and supplements Article 3 para (1-a) of Regulation (EC) No. 1935/2004.

Simulant(s) used: 0.5% citric acid

Test condition(s): 70°C for 2 hours (Repeated use/ 1st+2nd Migration);

Surface area to volume / Migration ratio: Sample A3 –2.8 dm²:500 ml.

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

Element	Limit of quantification (mg/kg)	Result(s) of (1 st + 2 nd) migration (mg/kg) – Component No.	Maximum Permissible Limit (mg/kg) / 7 times SRL
		A3	
Tin (as Sn)	1	ND	700
Copper (as Cu)	1	ND	28
Iron (as Fe)	1	ND	280
Manganese (as Mn)	0.1	ND	3.85
Zinc (as Zn)	1	ND	35
Aluminium (as Al)	1	ND	35
Nickel (as Ni)	0.02	ND	0.98
Chromium (as Cr)	0.2	ND	7
Barium (as Ba)	0.2	ND	8.4
Lithium (as Li)	0.02	ND	0.336
Beryllium (as Be)	0.002	ND	0.07
Vanadium (as V)	0.002	ND	0.07
Cobalt (as Co)	0.01	ND	0.14
Arsenic (as As)	0.001	ND	0.014
Molybdenum (as Mo)	0.02	ND	0.84
Silver (as Ag)	0.02	ND	0.56
Cadmium (as Cd)	0.002	ND	0.035
Antimony (as Sb)	0.02	ND	0.28
Mercury (as Hg)	0.001	ND	0.021
Thallium (as Tl)	0.001	ND	0.007
Lead (as Pb)	0.002	ND	0.070
Magnesium (as Mg)	1	ND	---
Titanium (as Ti)	1	ND	---
Zirconium (Zr)	0.2	ND	14
Conclusion		Pass	--

TEST REPORT



Test Report No. GGN/H(FCM)/25/001893

Dated. 2025.06.19

Migration of / Extractable elements

Test Method(s) & Specification(s): EDQM Technical Guide on Metals and Alloys used in food contact materials and articles, 2nd edition, 2024 and supplements Article 3 para (1-a) of Regulation (EC) No. 1935/2004.

Simulant(s) used: 0.5% citric acid

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

Surface area to volume / Migration ratio: Sample A3 –2.8 dm²:500 ml

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

Element	Limit of quantification (mg/kg)	Result(s) of 3 rd migration (mg/kg) – Component No.	Maximum Permissible Limit (mg/kg) / SRL
		A3	
Tin (as Sn)	1	ND	100
Copper (as Cu)	1	ND	4
Iron (as Fe)	1	ND	40
Manganese (as Mn)	0.1	ND	0.55
Zinc (as Zn)	1	ND	5
Aluminium (as Al)	1	ND	5
Nickel (as Ni)	0.02	ND	0.14
Chromium (as Cr)	0.2	ND	1.0
Barium (as Ba)	0.2	ND	1.2
Lithium (as Li)	0.02	ND	0.048
Beryllium (as Be)	0.002	ND	0.01
Vanadium (as V)	0.002	ND	0.01
Cobalt (as Co)	0.01	ND	0.02
Arsenic (as As)	0.001	ND	0.002
Molybdenum (as Mo)	0.02	ND	0.12
Silver (as Ag)	0.02	ND	0.08
Cadmium (as Cd)	0.002	ND	0.005
Antimony (as Sb)	0.02	ND	0.04
Mercury (as Hg)	0.001	ND	0.003
Thallium (as Tl)	0.001	ND	0.001
Lead (as Pb)	0.002	ND	0.010
Magnesium (as Mg)	1	ND	---
Titanium (as Ti)	1	ND	---
Zirconium (Zr)	0.2	ND	2.0
Conclusion		Pass	---

TEST REPORT



Test Report No. GGN/H(FCM)/25/001893

Dated. 2025.06.19

Resistance to corrosion test as per ISO 9227-22

Test specification(s): Applicant's specification.

Test method(s) adopted: Applicant's specification with reference to ISO 9227:2022 (Neutral Salt Spray)

Equipment used: Salt Spray Tester.

Test condition(s):

(i) Concentration of Salt {Sodium chloride (NaCl)} Solution: 1 %

(ii) Chamber temperature: $(35 \pm 2) ^\circ\text{C}$

(iii) Exposure period: 24 hours (Applicant's specification)

Tested Sample	Test Result(s) / Observation(s)
Sample A	No visual changes observed

Dishwasher suitability

Test method(s) adopted: In-house test method with reference to EN 12875-1:2005 - Mechanical dishwashing resistance of utensils- Part 1: Reference test method for domestic articles.

Number of cycles: 05 (Applicant's - specified);

Duration of one cycle: 90 ± 10 minutes;

Tested Sample	Test Result(s) / Observation(s) (*)
Sample A	1 st cycle: No Visual change observed.
	2 nd cycle: No Visual change observed.
	3 rd Cycle: No Visual change observed.
	4 th Cycle: No Visual change observed.
	5 th Cycle: No Visual change 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; " $^\circ\text{C}$ " denotes degree Celsius; "%" denotes percent; "%".

--- END OF THE TEST REPORT ---
