Test Certificate No. 7312204699

Issued under Section 12 of the Standards Law, 1953

Details of order:

Name of customer:	Arda Plast Ltd.
Address:	Moshava Haatzmaut 4, Even Yehuda 40500, Israel
Date order:	03/05/2023

Sample Description as Declared:

Products:	PP white cup + PP clear cup
Supplier:	Arda Plast Ltd.
Manufacturer:	Arda Plast Ltd. Israel

Sample Description as Declared:

Sample received in lab: 03/05/2023 **Selected: by costumer**
Sample quantity: 10

Nature of the test:

Test for compliance with the requirements of Israel Standard 5113- "Plastic materials and plastic articles in contact with food and beverages", Jan 2019.

This document contains 5 pages and may use only in full.

The test results in this document refer only to the item tested

This document does not constitute a license to mark the product with the standards mark

Conclusion:

The tested product complies with the requirements of Israeli Standard 5113 Complete elaboration of the results found on the next page of this document.

Remarks: PP white cup + PP clear cup

*Rule of decision considering the uncertainty of the test based on the clause in the relevant standards.

The original Test Certificate was signed by:

Name: Gadi Efrati
Signature: Gadi efrati Position: Head of FCM section on: 24/05/2023

I confirm that this is a true translation of the Hebrew original. Only the original test certificate is authentic.
Signature:
Name: Naor Cohen Position: Head of chemistry food and water Branch Date: 24/05/2023

Test Certificate No. 7312204699

Issued under Section 12 of the Standards Law, 1953

Description: ***PP white cup + PP clear cup***

For all food product, any long-term storage at room temperature or below, including when packaged under hot-fill conditions, and/or heating up to a temperature T where 70 °C ≤ T ≤ 100 °C for a maximum of t = 120/2^((T-70)/10) minutes (OM2).

Chemistry, Food and Water Branch, 42 Chaim Levanon St, Tel Aviv 6997701 Israel,
Tel: 972-3-6465138, Fax: 972-3-6465036, E-mail: for food: food@sii.org.il, for wine: wine@sii.org.il, for food contact materials: fcm@sii.org.il, for water: water@sii.org.il, www.sii.org.il

Test Certificate No. 7312204699

Issued under Section 12 of the Standards Law, 1953

Clause no	Property tested	Requirements of Israel Standard 5113	Results	Notes	Compliance
2.1	**General**				
	Overall migration test (EU)	Test conditions and testing method declaration stipulation set out in regulation EU No. 10/2011	See in annex (1)	The tested are average of 3 tests. ---------- For all food product, any long-term storage at room temperature or below, including when packaged under hot-fill conditions, and/or heating up to a temperature T where 70 °C ≤ T ≤ 100 °C for a maximum of t = 120/2^((T-70)/10) minutes (OM2).	Comply
	Specific migration test (SM) – Specific migration of sum of Primary aromatic amines	See in annex	See in annex (2)	The tested product complies with the requirements of Israeli Standard, Specific migration (SM) Primary Aromatic Amines (PAA)	Comply
	Specific migration test (SM) – Specific migration of Primary Aromatic Amines (PAAs)	See in annex	See in annex (2)	The tested product complies with the requirements of Israeli Standard, Specific migration (SM) Primary Aromatic Amines (PAA)	Comply
	Specific migration test (SM 1245/2020 EU) - Heavy metals	See in annex	See in annex (3)	The tested product complies with the requirements of Israeli Standard, Specific migration (SM) of heavy metals in a liquid extraction and	Comply
	Physical change of the sample (discoloration)	There shall not be any discoloration of the product after being in contact with the food simulant	There was no discolor ation		Comply
	Physical change of the sample (distortion)	There shall not be any distortion of the product after being in contact with the food simulant	There was no discolor ation		Comply

Test Certificate No. 7312204699

Issued under Section 12 of the Standards Law, 1953

1- Overall Migration Protocol -OM2- single use test				
Selection of test conditions as specified to Regulation 10/2011 Annex III, V; *Selection of test method: EN 1186-1.* ***S/V = 1dm^2/100ml.***				
Tested sample	***Food Simulants***	***Test conditions***	***Extractives, mg/sq. dm***	***Limit, mg/sq. dm***
PP white cup + PP clear cup	*A- Ethanol 10%*	*10 Days at 40°C*	*<1*	*10*
PP white cup + PP clear cup	*B- Acetic acid 3%*	*10 Days at 40°C*	*<1*	*10*
PP white cup + PP clear cup	*D_2- Ethanol 95%*	*10 Days at 40°C*	*<1*	*10*
PP white cup + PP clear cup	*D_2- Isooctane*	*2 Days at 20°C*	*1.9*	*10*

2- Specific migration of Primary aromatic amines (PAAs)- according to Regulation (EU) 10/2011(*)				
Method: UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011 (LCMS) ***Test conditions**: Acetic acid 3% - 40°C for 10 days.*				
Chemical parameters	***CAS Number***	***Limit, mg/kg***	***MDL, mg/kg***	***Results, mg/kg***
Specific migration of sum of Primary aromatic amines	*-*	*0.01*	*0.002*	*<0.01*
2,2'-dichloro-4,4'-methylenedianiline (MOCA)	*101-14-4*	*<0.002*	*0.002*	*ND*
2,4,5-trimethylaniline	*137-17-7*	*<0.002*	*0.002*	*ND*
2-Methoxyaniline, o-Anisidine	*90-04-0*	*<0.002*	*0.002*	*ND*
2-naphthylamine	*91-59-8*	*<0.002*	*0.002*	*ND*
3,3'-dichlorobenzidine 3,3'-dichlorobiphenyl-4,4'-ylenediamine	*91-94-1*	*<0.002*	*0.002*	*ND*
3,3'-dimethoxybenzidine o-dianisidine	*119-90-4*	*<0.002*	*0.002*	*ND*
3,3'-dimethylbenzidine 4,4'-bi-o-toluidine	*119-93-7*	*<0.002*	*0.002*	*ND*
4,4'-methylenedi-o-toluidine	*838-88-0*	*<0.002*	*0.002*	*ND*
4,4'-oxydianiline	*101-80-4*	*<0.002*	*0.002*	*ND*
4,4'-thiodianiline	*139-65-1*	*<0.002*	*0.002*	*ND*
4,4'-Methylenedianiline (MDA)	*101-77-9*	*<0.002*	*0.002*	*ND*
4-Aminoazobenzene	*60-09-3*	*<0.002*	*0.002*	*ND*
4-chloro-o-toluidine	*95-69-2*	*<0.002*	*0.002*	*ND*
4-chloroaniline	*106-47-8*	*<0.002*	*0.002*	*ND*
4-methoxy-m-phenylenediamine	*615-05-4*	*<0.002*	*0.002*	*ND*
4-methyl-m-phenylenediamine (toluene-2,4-diamine)	*95-80-7*	*<0.002*	*0.002*	*ND*
5-nitro-o-toluidine	*99-55-8*	*<0.002*	*0.002*	*ND*
6-methoxy-m-toluidine (p-cresidine)	*120-71-8*	*<0.002*	*0.002*	*ND*
Benzidine	*92-87-5*	*<0.002*	*0.002*	*ND*
4-aminobiphenyl	*92-67-1*	*<0.002*	*0.002*	*ND*
o-aminoazotoluene,4-amino-2',3-dimethylazobenzene,4-o-tolylazo-o-toluidine	*97-56-3*	*<0.002*	*0.002*	*ND*
o-toluidine,2-aminotoluene	*95-53-4*	*<0.002*	*0.002*	*ND*

Test Certificate No. 7312204699

Issued under Section 12 of the Standards Law, 1953

3- Specific migration of substances according to Regulation (EU) 10/2011 and Regulation (EU) 1245/2020			
Selection of test method: EN 13130-1 and sample preparation in acetic acid 3% v/v at 40°C for 10 days. As specified in Regulation (EU) No. 10/2011 ANNEX II. Method: ICP-MS			
Substances	***SML, mg/kg***	***MDL, mg/kg***	***Results, mg/kg***
Aluminum (Al)	*1*	*0.02*	*ND*
Antimony (Sb)	*0.04*	*0.025*	*ND*
Arsenic (As)	*0.01*	*0.002*	*ND*
Barium (Ba)	*1*	*0.020*	*ND*
Cadmium (Cd)	*0.002*	*0.002*	*ND*
Chromium (Cr)[1]	*0.002*	*0.01*	*ND*
Cobalt (Co)	*0.05*	*0.002*	*ND*
Copper (Cu)	*5*	*0.100*	*ND*
Zinc (Zn)	*5*	*0.100*	*ND*
Iron (Fe)	*48*	*0.2*	*ND*
Lead (Pb)	*0.01*	*0.002*	*ND*
Lithium (Li)	*0.6*	*0.01*	*ND*
Manganese (Mn)	*0.6*	*0.01*	*ND*
Mercury (Hg)	*0.002*	*0.002*	*ND*
Nickel (Ni)	*0.02*	*0.002*	*ND*
Terbium (Tb)[2]	*0.05*	*0.005*	*ND*
Lanthanum (La)[2]			
Europium (Eu)[2]			
Gadolinium (Gd)[2]			
Note: ppm=mg/kg (1,000 ppm=1,000 mg/kg=0.1%); SML = Specific Migration Limit; ND= Not Detected (<MDL); MDL=Method Detection Limit;			

1. *Less stringent limit of 3.6 mg/kg applies if pre-existing documentation demonstrates Cr (VI) is excluded.*
2. *Lanthanide substances can be used according to Article 6(3)(a) subject to SML is no more than 0.05 mg/kg for the sum of all lanthanide substances and the analytical evidence using a procedure demonstrating the lanthanide substance(s) used are present in dissociated ionic form in food or food simulant forms part of the documentation in Article 16.*

-End of Document-