



# TEST REPORT

LAB LOCATION: TURKEY  
LAB NO. : (7221)148-0251  
SERVICE TYPE: Regular  
DATE IN: May 28<sup>th</sup>, 2021  
DATE OUT: June 04<sup>th</sup>, 2021

**MATERIAL SUBMITTED** : ARDA CAM SAN. ve TİC. A.Ş.  
(Cihangir Mah. Kemal Türkler Sok. No: 3 Avcılar/ İSTANBUL)  
**SUPPLIER REFERENCE** : /  
**BUYER** : /  
**MANUFACTURER** : /  
**COUNTRY OF ORIGIN** : /  
**COUNTRY OF DESTINATION** : /  
**SAMPLE DESCRIPTION** : **Sample A: Glass Plate**  
**COLOR** : /  
**SUBMITTED CARE** : /  
**INSTRUCTION** : /  
**GENERAL CONCLUSION** : **PASS**

## SUMMARY OF TEST RESULTS

TEST REQUIRED	Sample A
Extractable Aluminum, Cobalt and Arsenic in Ceramic, Glass and Enamel Wares Materials in Contact with Foodstuffs	P

P:PASS  
F:FAIL

**EXECUTIVE SUMMARY:** Only vendor selected tests have been performed and submitted samples have been rated as “PASS”.

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**BV CPS Test Lab. Ltd. Sti.**

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**-Photo of the Submitted Sample-**





## TEST RESULTS

### Extractable Aluminum, Cobalt and Arsenic in Ceramic, Glass and Enamel Wares Materials in Contact with Foodstuffs

**Tested Item** : GLASS PLATE  
**Sample A**

**Category** : /  
**Internal Depth (mm)** : 100  
**Surface Area (dm<sup>2</sup>)** : 0.6

I001	Unit	Req.	Result (Third Migration)			
Test Sample(s) / Trial(s)	-	-	Trial 1	Trial 2	Trial 3	Trial 4
Parameter	-	-	-	-	-	-
Volume of Test Solution	mL	-	100	100	100	100
Aluminum (Al)	mg/kg	1.0	ND	ND	ND	ND
Arsenic (As)	mg/kg	0.02	ND	ND	ND	ND
Cobalt (Co)	mg/kg	ND	ND	ND	ND	ND
<b>Conclusion</b>	-	-	<b>PASS</b>			

Note: “<” = less than  
ND = Not detected  
mL = milliliter  
mg/kg = milligram(s) per kilogram

Method: EN 1388-1:1995 (Modified).

-END OF REPORT -

*This document is a Declaration of Compliance for products manufactured by Arda Glassware according to Regulation (EC) No 1935/2004,*

1. **PRODUCT DESCRIPTION:** Glassware
2. **PRODUCTION METHOD (GLASS FORMING METHOD):** Manuel Spinning Process and Manuel Presing Process
3. **GLASS COMPOSITION:**

SiO	Silica
Na <sub>2</sub> O	Sodium
CaO	Calcium Oxide
Al <sub>2</sub> O <sub>3</sub>	Aluminum Oxide
4. **ORIGIN:** Turkiye
5. **PRODUCT USAGE:** It is suitable for contact with food according to the requirements of Regulation (EC) 1935/2004.
6. **FEATURES**
  - 6.1. **Biological Features**

Does not contain biological components. However, it should not be used without washing.
  - 6.2. **Chemical Features**
    - 6.2.1. **Heavy Metal Content**

Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB) Section 30 & DIN51032:198 & 84/500/EEC & 2005/31/EC

LEAD	≤4.0 mg/l
CADMIUM	≤0.3mg/l
COBALT	≤0.1mg/l
  - 6.3. **Physical Features**
    - 6.3.1. **Sensory Features**

LFGB L 00.90-6 (with water)

APPEARANCE	Clear, colorless
ODOR	Neutral, odorless
TASTE	Neutral
    - 6.3.2. **Scrach Resistance**
    - 6.3.3. The products have a scratch resistance of 6 Mohs and above. Tests are performed according to ASTM C1895 Test to determine Mohs Scratch Hardness.
    - 6.3.4. **Thermal Shock Resistance**

The products are resistant to  $\Delta T=65^{\circ}\text{C}$  temperature changes. Thermal shock resistance tests are performed according to ASTM C149 Standard test method for thermal shock resistance of glass containers and EN ISO 7459 Glass containers. Thermal shock resistance and thermal shock endurance. Test methods.
    - 6.3.5. **Microwave Resistance**

It is suitable for microwave use according to EN 15284:2007 Materials and articles in contact with food stuffs - Test method for the resistance to microwave heating of ceramic, glass, glass-ceramic or plastics cookware. Microwave resistance only applies to plain products without decorations and paints.
    - 6.3.6. **Oven and Cooktop Resistance**

Our products are not suitable for oven and cooktop use.  
With this;  
Up to 80°C for bain-mare uses,  
up to 60°C for preheating before service,  
It provides resistance up to 130°C in homogeneous radial heating without flame contact.  
However, the thermal shock resistance limit of  $\Delta T=65^{\circ}\text{C}$  must be complied with in all processes.