



# TEST REPORT

**LAB LOCATION: TURKEY**  
**LAB NO.: (7224)179-0126 (Revision)**  
**SERVICE TYPE: Regular**  
**DATE IN: June 27, 2024**  
**DATE OUT: July 02, 2024**  
**REVISION DATE: July 04, 2024**

**COMPANY NAME** : GUROK PAZARLAMA VE TİCARET A.Ş.  
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**SAMPLE DESCRIPTION** : Soda-Lime Glass Tableware (Glass Category B)

**MODEL/STYLE NO** : LAL545

**BUYER** : /

**MANUFACTURER** : GUROK TURİZM MADENCİLİK A.Ş.

**PRODUCTION DATE** : /

**COUNTRY OF ORIGIN** : TÜRKİYE

**COUNTRY OF DESTINATION** : ITALY, GERMANY, UNITED KINGDOM, FRANCE

**OVERALL CONCLUSION** : **PASS**

C/N GK/GGY

BV CPS TEST LABORATUVARLARI LTD. STI.  
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Testing reports without signature are not valid.  
BV CPS Test Laboratories Ltd.Şti. is not responsible for deviations from the accuracy of the information provided by the customer that may affect the validity of the test results.

The sample(s) were sent to BV CPS Test Laboratories Ltd.Şti by the client/vendor via courier, cargo and/or manual delivery. Therefore, sampling was not done BV CPS. Test results given in this test report represent only the sample(s) delivered to laboratory.

When a statement of conformity (Pass/Fail) is given regarding the test results the value of measurement uncertainty is evaluated according to the Shared Risk Decision Rule and conformity assessment is reported without evaluating measurement uncertainty.



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### SUMMARY OF TEST RESULTS

Test Required	Conclusion
Extractable Lead and Cadmium in Glass Wares (ISO 7086)	P
Sensory Test (Odour and Taste) - Simulant Water	P
Resistance to Thermal Shock	DATA

### REMARKS

1	:	P: Pass, F: Fail, DATA: No Evaluation
2	:	The reported expanded uncertainty is based on the standard uncertainty multiplied by a coverage factor of k=2, providing a level of confidence of approximately 95%. Unless otherwise is specified, the uncertainty of measurement has not been taken into account when assessing pass/fail of the sample against the requirements of the standard. In case consideration of measurement uncertainties when assessing pass/ fail limits, some results may be in borderline.
3	:	The test result, the uncertainties (if applicable) with confidence probability are given on the following pages which are part of this report.
4	:	Test reports without authorized signatures are invalid.
5	:	The test results included in the report belongs to only tested sample(s).
6	:	(7224)179-0126 test report (dated July 02, 2024) is not valid, it is replaced by this report (7224)179-0126 (Revision).
7	:	Upon client's request, additional "Sample Description" information has been removed from the test report.

**Bureau Veritas Consumer Products Services Turkey**  
**BV CPS Test Lab. Ltd. Sti.**

**Ozge Yilmaz**  
**Client Team Lead**

**Hasan Altıngül**  
**Operation Manager - CS & Support**



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Pictures of the Submitted Samples



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<b>Component List / List of Materials for Chemical Tests</b>				
<b>Sample</b>	<b>Item No</b>	<b>Component</b>	<b>Material</b>	<b>Color</b>
A	I001	LAL545	Soda-Lime Glass (Category B)	Clear



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## TEST RESULTS

### Extractable Lead and Cadmium in Glass Wares (ISO 7086-1)

Tested Item(s)	Leaching Volume (mL)	Result (mg/L)	
		Extractable Lead (Pb)	Extractable Cadmium (Cd)
I001	220	ND	ND
Conclusion	-	PASS	PASS

Note: “<” = less than  
mm = millimetre  
mL = milliliter  
dm<sup>2</sup> = square decimeter  
mg/dm<sup>2</sup> = milligrams per square decimeter  
mg/L = milligrams per liter

Method: In House Test Method CPSD\_AN\_00074-MTHD

Limit of Extractable Lead and Cadmium in Ceramic, Glass and Enamel Wares listed in below table.

Type of glass hollowware	No. of specimens tested	Permissible limit criterion	Lead Limit, mg/L	Cadmium Limit, mg/L
Small	4	All specimens ≤ Limit	1.5	0.5
Large	4	All specimens ≤ Limit	0.75	0.25
Storage	4	All specimens ≤ Limit	0.5	0.25



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## TEST RESULTS

### Sensory Test (Odour and Taste) - Simulant Water

**Test method:** BV CPS In House Method, CPSD-AN-00084-MTHD, DIN 10955

**Test condition:** Water, 2 hours at 70°C

-	Results				Conc.
	Tested Item(s)	Parameter	Limit	Conc.	
I001	Change of Odour	$\leq 2.5$	0.5	-	Pass
	Change of Taste	$\leq 2.5$	0.5	-	Pass

Off-odour in comparison with control

0 = no perceptible off-odour

1 = off-odour just perceptible (but still difficult to define)

2 = slight off-odour

3 = distinct off-odour

4 = strong off-odour

Off-taste in comparison with control

0 = no perceptible off-taste

1 = off-taste just perceptible (but still difficult to define)

2 = slight off-taste

3 = distinct off-taste

4 = strong off-taste



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## TEST RESULTS

### Resistance to Thermal Shock

Test Method: EN 1183: 1997 Method B

<b>Claims Requirement:</b>	No Requirement
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<b>Test Item I001 – LAL545</b>					
t <sub>1</sub> (°C)	t <sub>2</sub> (°C)	t <sub>1</sub> -t <sub>2</sub> (°C)	No of failures at t <sub>1</sub>	Mode of failure	Cumulative failures in %
80	20	60	-	-	%0
90	20	70	-	-	%0
100	20	80	2	Crack	%20
110	20	90	1	Crack	%30
120	20	100	3	Crack	%60
140	20	120	3	Broken	%90
160	20	140	1	Broken	%100
				$\Delta t_{50}$ (°C):	100°C
<b>DATA</b>					

**-END OF REPORT-**