

HENDI HK LTD.
1603-5, TOWER II, ENTERPRISE SQUARE, 9 SHEUNG YUET ROAD, KOWLOON BAY, HONG KONG

The following sample(s) was/were submitted and identified on behalf of the client as:

Sample Description : GLASS DECANTER WITH LID
Style / Item No. : 445907
Buyer : HENDI B.V
Country of Origin : CHINA
Test Performed : Selected test(s) as requested by applicant
Sample Receiving Date : Jan 20, 2016
Test Performing Date : Jan 20, 2016 to Jan 27, 2016
Test Result(s) : For further details, please refer to the following page(s)

Signed for and on behalf of
Guangzhou Branch
SGS-CSTC Ltd.



Jason Cheung
Approved Signatory



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SGS-CSTC Standards Technical Services Co., Ltd.
Guangzhou Branch

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I. PHYSICAL TEST

Part 1:

Heat Resistance Test

- Test Method : As per the client's requirement
- Number of Test Sample : 3PCS
- Controlled Sample : 1PC
- Test Procedure : a) Set up the electric oven to ensure conformance to the specified operating condition at 96 °C as the client specified temperature.
- b) Place the sample into the appropriate rack of the oven for 2h.
- c) Remove the samples from the oven and allowed to equilibrate to the room temperature.
- d) Inspect the test sample according to the test principle/ requirements.

Evaluate the test sample for any loss of serviceability against the control.

Test Requirement : Pass means no cracking, chipping, crazing, breaking, discoloration, deformation, or functional change was found on the tested sample.

Test Result : PASS

Part 2:

Test Conducted: BS EN 1183-1997 Materials and articles in contact with foodstuffs-Test methods for thermal shock and thermal shock endurance

Scope: - This European Standard specifies test methods for thermal shock and for thermal shock endurance for brittle materials, for example glass, glass-ceramics and ceramics intended for use in ovens or as tableware.

Two test methods are described:

- Test method A is used for articles known to be sensitive to thermal shock.
- Test method B is generally applicable

The test method to be applied depends on the intended use of the article and/or its thermal shock resistance.

Number of Tested Sample(s):	10 PCS
Number of Controlled Sample(s):	/
Test Method:	Method A



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SGS-CTI Standards Technical Services Co., Ltd.
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Test Procedure:

Repeat the testing procedure with the remaining test samples according to method A or method B as appropriate, with increasing temperature difference values, t₁-t₂, until all samples have failed. Commence testing with a temperature difference value, t₁-t₂ of not less than 40°C and increase temperature t₁, by 10°C for t₁-t₂≤100°C and by 20°C for t₁-t₂> 100°C.

Test Result:

t ₁ °C	t ₂ °C	t ₁ - t ₂ °C	No. of failures	Cumulative failures in %
60	20	40	0	0
70	20	50	0	0
80	20	60	0	0
90	20	70	0	0
100	20	80	0	0
		Total	0	0
		ΔT ₅₀		=0
		Standard deviations		=0

Part 3:

Handle strength

- Test Method : As per the client's requirement
- Number of Test Sample : 3 Pieces
- Test Procedure : 1) Apply 2 times weight of the sample volume capacity to the samples
2) Keep for 1 minute, and after that checks the sample for any damage or deformation.
- Test Requirement : Pass means no deformation; damage or functional change was found on the tested sample.
- Test Result : PASS



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Part 4: Mechanical impact strength

Test Conducted:

BS EN 12980:2000 - Materials and articles in contact with foodstuffs – Non-metallic articles for catering and industrial use – Method of test for the determination of impact resistance

Scope:

This standard gives a method of test for determination of the resistance to mechanical shocks of articles used in catering and industrial services where they are subjected to substantial and frequent shocks.

Test sample description :	Glass
Number of Tested Sample(s):	5 PCS
Sampling plan:	Client submitted
Number of Controlled Sample(s):	/
Type of impact head	Cylinder

Test Result:

Sample	Final Failure energy (J)
1	/ (see remark)
2	/ (see remark)
3	/ (see remark)
4	/ (see remark)
5	/ (see remark)

Remark: No failures occurred when the impact energy reached the max value (0.567J) of the apparatus

Sample Photo:

Sample as received





II. SGS Ref No.: CANHG1601339701

Result Summary :

Test Requested

European Council Directive 84/500/EEC & 2005/31/EC - Leachable Lead and Cadmium

Conclusion

PASS

Test Results :

Test Part Description :

Specimen No.	SGS Sample ID	Description	Material (claimed by the client)
SN1	CAN16-013397.001	Glass decanter	glass

European Council Directive 84/500/EEC & 2005/31/EC - Leachable Lead and Cadmium

Test Method : As specified in EEC Directive 84/500/EEC & 2005/31/EC. Analysis was performed by ICP-OES.

Sample 001 Category 2

	<u>Vol. of 4%HAc used for vessel(mL)</u>	<u>Depth (mm)</u>
1	1800	150
	<u>Leachable Lead (mg/L)</u>	<u>Leachable Cad- mium(mg/L)</u>
1	<0.1	<0.01
Limit	4.0	0.3

Notes :

Category 1: Articles that cannot be filled and articles that can be filled, the internal depth of which does not exceed 25 mm.

Category 2: Articles, not in categories 1 or 3, which can be filled.

Category 3: Cooking ware; packaging and storage vessels having a capacity of more than three liters.



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Sample photo:



CAN16-013397.001

Remark: This test report is to supersede No. GZHL1601002934CW test report which was issued on Jan 27, 2016. And the original test reports (paper and electronic) are invalid.

End of Report