

Test Report No. 3966345

Date : 7-Aug-2018

Page 1 of 5

**Client : ITALTRADE SRL - Sociata del Gruppo Italinvest
Via Assarotti, 5/6 -16122 GENOVA Italy**

The following sample(s) was/were submitted and identified by client as:

Sample Name : CHIO GLASSES
 Sample No. : 4088643
 Sample Condition : As per attached photograph.
 Quantity Submitted : 8 pcs
 Style / Item No. : 43398 FUOCO
 Country of Origin : THAILAND
 Country of Destination : ITALY
 Buyer's Name : ITALTRADE SRL
 Sample Receiving Date : 24-Jul-2018
 Testing Period : 24-Jul-2018 to 7-Aug-2018

Test Method & Results : Please refer to next page(s).

Test Requested & Result Summary

Test Requested : Please refer to the result summary (Test parameter(s) was/were selected by client).

Result Summary:

Test Requested	Conclusion
1. Italian Decree of Ministry of Health of 21/03/1973 - Glass article - Overall Migration	PASS
2. Presidential Decree No. 777 of 23 August 1982 - Arsenic content	PASS
3. French Decret 2007-766 and DGCCRF Methodological Sheet "File inorganic materials" - Leachable Lead and Cadmium	PASS
- Leachable Aluminium,Cobalt and Arsenic	PASS

Remark : Test results in this report are applicable for the item tested and reflects the tested sample as received.

**Signed for and on behalf of
SGS (Thailand) Limited**



**Rutchuporn Mungsom
Laboratory manager - Toy and Hardgood**

3668058

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request.
 Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law."
 Publish or advertisement of the result or this document is prohibited, unless prior written approval of the Company.
 Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only."
 WARNING: The sample(s) to which the findings recorded herein (the "Findings") relate was(were) drawn and / or provided by the Client or by a third party acting at the Client's direction. The Findings constitute no warranty of the sample's representativeness of any goods and strictly relate to the sample(s). The Company accepts no liability with regard to the origin or source from which the sample(s) is/are said to be extracted.

Test Report No. 3966345

Date : 7-Aug-2018

Page 2 of 5

TEST RESULTS

1. Italian Decree of Ministry of Health of 21/03/1973 (Glass articles intended to come into contact with foodstuffs)

a) Overall migration*

Method : With reference to Italian Decree of Ministry of Health of 21/03/1973 and its amendments. Extractive from 3rd duration was taken for analysis.

Simulant Used	Test Condition	Result (1) (mg/kg)	Reporting Limit (mg/kg)	Reference Limit (mg/kg)
Distilled Water	2 hours at 80 degree C	31	20	50

Sample Description :

1. Clear glass with red/ green/ white printed (inside)

Note : 1. mg/sq.dm = milligram per square decimeter

2. ND = Not Detected

3. Test(s) marked * on this report are not included in the NSC-ONSC accreditation scope

2. Presidential Decree No. 777 of 23 August 1982

a) Arsenic Content*

Test method: With reference to EPA Method 3052:1996. Analysis was performed by ICP-OES.

Analysis	Unit	Reporting Limit	Result (1)	Permissible Limit
Arsenic (As)	cg/100g	0.05	N.D.	3

Sample Description :

1. Clear glass with red/ green/ white printed

Note:

1. cg/100g = centigram per 100 gram of material

2. N.D. = Not Detected

3. Permissible Limit is according to Presidential Decree No. 777 of 23 August 1982. Article 2 bis. clause 1d).

4. Test(s) marked * on this report are not included in the NSC-ONSC accreditation scope

3668058

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Publish or advertisement of the result or this document is prohibited, unless prior written approval of the Company.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. WARNING: The sample(s) to which the findings recorded herein (the "Findings") relate was(were) drawn and / or provided by the Client or by a third party acting at the Client's direction. The Findings constitute no warranty of the sample's representativeness of any goods and strictly relate to the sample(s). The Company accepts no liability with regard to the origin or source from which the sample(s) is/are said to be extracted.

Test Report No. 3966345

Date : 7-Aug-2018

Page 3 of 5

TEST RESULTS

3. French Decret 2007-766 and DGCCRF Methodological Sheet “File inorganic materials”

a) Leachable Lead and Cadmium

Test Method : With reference to European Council Directive 84/500/EEC (with amendment 2005/31/EC). Analysis was performed by Atomic Absorption Spectrometer.

Sample Description : Clear glass with red/ green/ white printed

Sample	Depth (mm)	Extract Volume (mL)	Type	Concentration of Extraction Solution Lead (mg/L)	Concentration of Extraction Solution Cadmium (mg/L)
1	105	385	Category 2	<0.20	<0.02
2	105	385	Category 2	<0.20	<0.02
3	105	385	Category 2	<0.20	<0.02
4	105	385	Category 2	<0.20	<0.02
Average	-	-	-	<0.20	<0.02
Conclusion	-	-	-	PASS	PASS

Remark : 1. < = Less than

2. mg/L = milligram per Litre

3. According to 84/500/EEC, if the result of the first tested article does not exceed the limit by more than 150%, three more identical articles can be tested. The final result is passed if the average result does not exceed the limit with none of the articles exceeding the limit by more than 50%.

4. The quantities of lead and/or cadmium extracted from ceramic articles do not exceed the limits;

Type	Category	-	Unit	Lead Limit	Cadmium Limit
Articles which cannot be filled and articles which can be filled, the internal depth of which does not exceed 25 mm	1	Average	milligram per square decimeter	0.8	0.07
Articles, not in categories in 1 or 3 which can be filled	2	Average	mg/L	4.0	0.3
Articles ware packaging and storage vessels having a capacity of more than 3 L.	3	Average	mg/L	1.5	0.1

3668058

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Publish or advertisement of the result or this document is prohibited, unless prior written approval of the Company. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only."
WARNING: The sample(s) to which the findings recorded herein (the "Findings") relate was(were) drawn and / or provided by the Client or by a third party acting at the Client's direction. The Findings constitute no warranty of the sample's representativeness of any goods and strictly relate to the sample(s). The Company accepts no liability with regard to the origin or source from which the sample(s) is/are said to be extracted.

Test Report No. 3966345

Date : 7-Aug-2018

Page 4 of 5

TEST RESULTS

b) Leachable Aluminium, Arsenic and Cobalt*

Test Method : Sample preparation in 4% acetic acid in aqueous solution at 22 degree C for 24 hours with reference to EN 1388-1/2: 1995 for selection of test method, followed by analysis using Inductively coupled plasma-mass spectrometry (ICP-MS).

Sample Description : Clear glass with red/ green/ white printed

Test Item	Result (1)	Result (2)	Result (3)	Result (4)	Average	Limit of Detection	Permissible Limit
Released Aluminium (mg/kg)	ND	ND	ND	ND	ND	0.1	1.0
Released Cobalt (mg/kg)	ND	ND	ND	ND	ND	0.01	0.02
Released Arsenic (mg/kg)	ND	ND	ND	ND	ND	0.001	0.002
Comment	--	--	--	--	PASS	--	--

- Note: 1. mg/kg = milligram per kilogram of foodstuff in contact with
 2. ND = Not Detected
 3. The test data is based on third migration result.
 4. Test(s) marked * on this report are not included in the NSC-ONSC accreditation scope

Remark: 1. According to 84/500/EEC, EN 1388-2:1995 and DGCCRF Methodological Sheet "File inorganic materials", if the result of the first tested article does not exceed the limit by more than 150%, three more identical articles can be tested. The final result is passed if the average result does not exceed the limit with none of the articles exceeding the limit by more than 50%. Category 1 - Articles which cannot be filled and articles which can be filled, the internal depth of which does not exceed 25 mm.
 "Test(s) marked * on this report are not included in the NSC-ONSC accreditation scope"

3668058

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request.
 Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.
 Publish or advertisement of the result or this document is prohibited, unless prior written approval of the Company.
 Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
 WARNING: The sample(s) to which the findings recorded herein (the "Findings") relate was(were) drawn and / or provided by the Client or by a third party acting at the Client's direction. The Findings constitute no warranty of the sample's representativeness of any goods and strictly relate to the sample(s). The Company accepts no liability with regard to the origin or source from which the sample(s) is/are said to be extracted.

Test Report No. 3966345

Date : 7-Aug-2018

Page 5 of 5

SAMPLE/ATTACHMENT PICTURE



***** End of Report *****

3668058

*This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request.
 Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.
 Publish or advertisement of the result or this document is prohibited, unless prior written approval of the Company.
 Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only."
 WARNING: The sample(s) to which the findings recorded herein (the "Findings") relate was(were) drawn and / or provided by the Client or by a third party acting at the Client's direction. The Findings constitute no warranty of the sample's representativeness of any goods and strictly relate to the sample(s). The Company accepts no liability with regard to the origin or source from which the sample(s) is/are said to be extracted.*