

TEST REPORT

Applicant : Publik d.o.o.
Address : Vladike Nikolaja 469, 14000 Valjevo, Serbia

Report on the submitted sample said to be

Sample name : Wine set
Model : BRUNELLO (41.121.XX), MERLOT (41.122.XX), ROSE (41.123.XX) where XX means color range, coded from 00-99
Manufacture : Asia Gateway Overseas Limited
Address : 21F.,New World Tower 1, 18 Queen's Road, Central, Hong Kong
Sample received date : Jul. 08, 2021
Testing period : Jul. 08, 2021- Jul. 13, 2021
Test Result(s) : Please refer to the next pages

Signed for and on behalf of

Bert Yang

Lab Manager : Bert Yang

Jul. 13, 2021

Date of issue

AP





Test Sample	Test Requested:	Conclusion
001	COMMISSION REGULATION (EU) No.10/2011 and (EC) No 1935/2004 on metals and alloys used in food contact materials and articles. - Specific Release of Heavy Metals	Pass
002	In accordance with Council of Europe Resolution AP(2002)1 relating to wood intended to come into contact with foodstuffs. - Sensorial examination odour and taste test - Extractable Heavy Metals - Pentachlorophenol (PCP) Content. - Preserving Effect. - Fluorescent whitening agents - Specific migration of benzophenone. - Specific migration of 4-methylbenzophenone. - Extractable formaldehyde.	

Test Part Description

Specimen No.	Description.
001	Silver Stainless steel
002	wooden

Test Result:

Specific Release of Heavy Metals

Method: Preparation in Artificial tap water / 0.5% Citric acid at xx°C for xx hours, analyzed by Inductively Coupled Plasma Atomic Emission Spectrometer (ICP-AES)/ Inductively Coupled Plasma Mass Spectrometer (ICP-MS).

Test Condition: 100°C 4Hour

Elements	SRL (mg/kg)		Result (mg/kg)		Conclusion
	1 st + 2 nd	3 rd	001		
			1 st + 2 nd	3 rd	
Tin(Sn)	700	100	N.D.	N.D.	Pass
Copper(Cu)	28	4	N.D.	N.D.	
Iron(Fe)	280	40	N.D.	N.D.	
Manganese(Mn)	12.6	1.8	N.D.	N.D.	
Zinc(Zn)	35	5	N.D.	N.D.	
Aluminum(Al)	35	5	N.D.	N.D.	
Barium(Ba)	8.4	1.2	N.D.	N.D.	
Titanium(Ti)	--	--	N.D.	N.D.	
Magnesium(Mg)	--	--	N.D.	N.D.	
Chromium(Cr)	1.750	0.250	N.D.	N.D.	
Nickel(Ni)	0.98	0.14	N.D.	N.D.	
Lithium(Li)	0.336	0.048	N.D.	N.D.	
Beryllium(Be)	0.07	0.01	N.D.	N.D.	
Vanadium(V)	0.07	0.01	N.D.	N.D.	
Cobalt(Co)	0.14	0.02	N.D.	N.D.	
Molybdenum(Mo)	0.84	0.12	N.D.	N.D.	
Silver(Ag)	0.56	0.08	N.D.	N.D.	
Antimony(Sb)	0.28	0.04	N.D.	N.D.	
Lead(Pb)	0.07	0.01	N.D.	N.D.	
Arsenic(As)	0.014	0.002	N.D.	N.D.	
Cadmium(Cd)	0.035	0.005	N.D.	N.D.	
Mercury(Hg)	0.021	0.003	N.D.	N.D.	
Thallium(Tl)	0.0007	0.0001	N.D.	N.D.	

Note:

1. "--" = No requirement.
2. mg/kg = milligrams of the constituents released per kilogram of foodstuff.
3. SRL = Specific Release Limit.

Sensorial examination odour and taste test.

Test Method: With reference to DIN 10955:2004

Test media: Deionized Water

Test Item(s).	Limit.	Result	Conclusion
		002	
Sensorial examination odour (Point scale)	2.5.	N.D.	Pass
Sensorial examination taste (Point scale)	2.5.	N.D.	Pass

Extractable heavy metals.

Test Method: With reference to EN 645:1993 (cold water extraction), analysis was performed by UV-Vis and ICP-OES / ICP-MS.

Test Item	Result (mg/ dm ²)	MDL (mg/ dm ²)	Maximum Permissible Limit (mg/dm ²)	Conclusion
	002			
Extractable Lead	N.D.	0.002	0.003	Pass
Extractable Cadmium	N.D.	0.002	0.002	Pass
Extractable Mercury	N.D.	0.002	0.002	Pass

- Note :
1. mg/dm² = milligram per square decimeter
 2. N.D. = Not Detected (< MDL)
 3. MDL = Method Detection Limit

Pentachlorophenol (PCP).

Test Method: With reference to LFGB § 64 BVL B 82.02.8 - 2001, analysis was performed by GC-MS.

Item	Unit	Result	MDL	Maximum Permissible Limit	Conclusion
		002			
PCP Content	mg/kg	N.D.	0.1	0.15	Pass

Note: mg/kg = ppm

Preserving effect.

Test Method: With reference to EN 1104:2005.

Tested Fungus	Test result.	Specification	Conclusion
	002		
Bacillus subtilis ATCC No. 6633 .	Absent	Absence of zone inhibition	Pass
Aspergillus niger ATCC No.6275	Absent	Absence of zone inhibition	Pass

Note: 1.Absent denotes absence of Antimicrobial constituents which inhibits the growth of tested bacteria and fungus

Fastness of Fluorescent whitening agents

Test Method: As per BS EN 648:2006 procedure B (short time contact).

Item	Test result.	Limit	Conclusion
	002		
Deionized Water	No staining	No staining (Grade 5)	Pass
Aqueous Acetic Acid 3.0% (m/v)	No staining	No staining (Grade 5)	Pass
Saliva Simulant 5g/L	No staining	No staining (Grade 5)	Pass
Rectified Olive Oil	No staining	No staining (Grade 5)	Pass

Specific migration of benzophenone.

Test Method: With reference to EN 13130-1:2004, analysis was performed by GC-MS. .

Item	Unit	Test result.	MDL	Limit	Conclusion
		002			
Specific migration of benzophenone	mg/kg.	N.D.	0.2	0.6.	Pass

Specific migration of 4-methylbenzophenone.

Test Method: With reference to EN 13130-1:2004, analysis was performed by GC-MS.

Item	Unit	Test result.	MDL	Limit	Conclusion
		002			
Specific migration of 4-methylbenzophenone .	mg/kg	N.D.	0.2	0.2	Pass

Extractable formaldehyde.

Test Method: With reference to EN 645:1994 (cold water extraction) and EN 1541:2001, analysis was performed by UV-Vis.

Item	Unit	Test result.	MDL	Limit	Conclusion
		002			
Extractable formaldehyde	mg/dm ² .	N.D.	0.1	1	Pass

Picture of sample

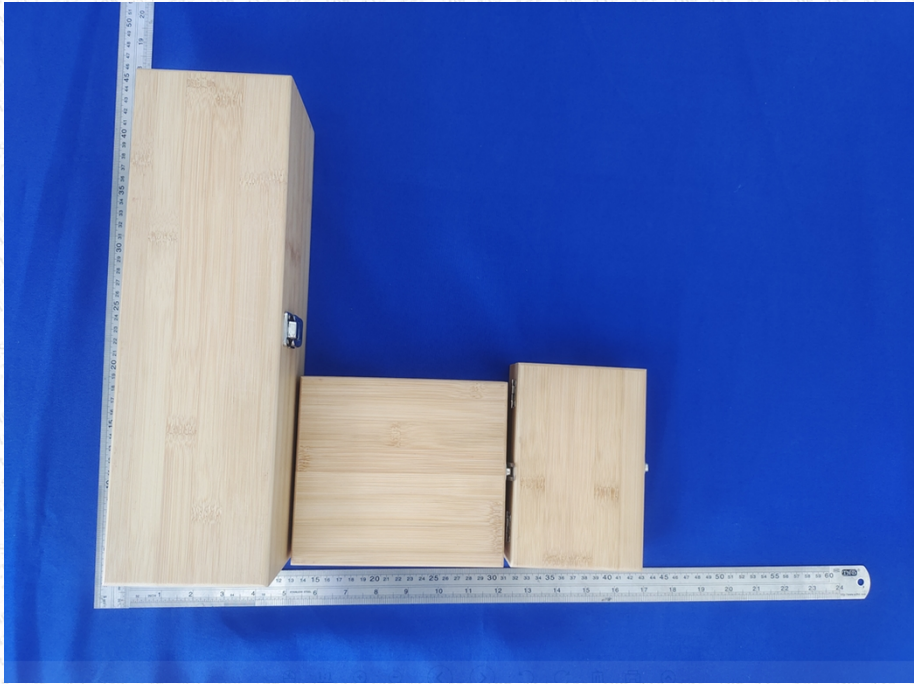


Photo 1



Photo 2

*** THE END OF REPORT ***