

SPECIALITY MERCHANDISING TEST REPORT

Technical Report: (6720)277-0437

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October 20, 2020



C/N: (6720)277-0437 RS/RK

"Pls. refer the website www.nabl-india.org to view our Scope of accredited Test"

Bureau Veritas Consumer
Products Services (India) Pvt. Ltd.,
C-19, Sec - 7 Noida (U.P.) 201301
PH: 4368283/205

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SPECIALITY MERCHANDISING TEST REPORT

TO: SPECIALITY MERCHANDISING

ATTN: SIPRA

LAB NO.: (6720)277-0437
DATE IN: October 03, 2020
DATE OUT: October 20, 2020
REVISED DATE: /
NO. OF WORKING DAYS: 12
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OVERALL RATING

PASS

X

FAIL

DATA

Sample Description:	STRAW & BRUSH, GOLD, STAINLESS STEEL (Sample received in good condition)		
Supplier:	BLOOMINGVILLE A/S-LENE HAUS VEJ 3-5 7430 IKAST DENMARK		
Manufacturer:	/	S. No.:	BVD-202009
Buyer:	BLOOMINGVILLE A/S-LENE HAUS VEJ 3-5 7430 IKAST DENMARK	Style Name:	/
Color:	/	SKU No.:	82050594
Applicable SKU:	/	Department:	HARD GOODS
Previous Report No.:	/	Ref. No.:	65973-01
Country of Origin:	/	Country of Destination:	/

SUMMARY OF TEST RESULTS

TEST REQUESTED	CONCLUSION	REMARK
PHthalates TEST	PASS	
SPECIFIC MIGRATION OF PRIMARY AROMATIC AMINE FOR PLASTIC MATERIALS IN CONTACT WITH FOODSTUFFS (EU 10/2011)	PASS	
OVERALL MIGRATION TEST FOR PLASTIC MATERIALS IN CONTACT WITH FOODSTUFFS	PASS	
SPECIFIC MIGRATION OF PHthalates FOR PLASTIC MATERIALS IN CONTACT WITH FOODSTUFFS (EU 10/2011)	PASS	
MIGRATION OF CERTAIN ELEMENTS FROM METALS AND ALLOYS USED IN FOOD CONTACT MATERIALS AND ARTICLES	PASS	

NOTE: 1. The test has been conducted as per vendor's request.
2. Confirmation received on dated 07th October 2020.



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BUREAU VERITAS CONSUMER PRODUCTS SERVICES (INDIA) PVT. LTD.

SIGNATORIES

CHHATISH KUMAR NATH
(Dy. Manager - Analytical)

RAHUL SRIVASTAVA
(Manager – Analytical)

PLEASE CONTACT:

FOR ANY TECHNICAL ISSUES: SHAHAB SIDDIQI

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FOR ANY INVOICING MATTER: MR. AMIT ROY

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TEST RESULTS

PHTHALATES CONTENT TEST

Test Method : Solvent extraction, GC-MS/LC-MS analysis

Tested Item(s) : **A1** GOLDEN COATING OF STRAW

Maximum Limit : **0.1%**

Substances	CAS No.	Result (%)
Tested Item (s)	-	A1
Di-2-ethylhexyl phthalate (DEHP)	117-81-7	ND
Di-n-octyl phthalate (DNOP)	117-84-0	ND
Di-iso-nonyl phthalate (DINP)	28553-12-0	ND
Di-iso-decyl phthalate (DIDP)	26761-40-0	ND
Butyl benzyl phthalate (BBP)	85-68-7	ND
Dibutyl phthalate (DBP)	84-74-2	ND
Conclusion	-	PASS

Note:

ND = Not detected
mg/kg = milligram per kilogram
g = gram
Detection Limit (%) : Each 0.005

“>” = More than
% = percentage weight by weight = 10000 mg/kg

Specific Migration of Primary Aromatic Amine for Plastic Materials in Contact with Foodstuffs (EU 10/2011)

Test Condition:	3% Acetic Acid: 70°C, 2 hr		
Parameter	Simulant used	Unit	Result (mg/kg)
			A2
Primary Aromatic Amines	3% Acetic Acid	mg/kg	<0.01

Tested Item(s) : **A2** FOOD CONTACT SURFACE OF GOLDEN METAL STRAW

Note: “<” = less than
mg/kg = milligram per kilogram

Method: EN 13130-1: 2004, LC-MS/ LC-MS/MS analysis.

Requirement: Not Detected <0.01 mg/kg

Remark: 1) The migration test is carried out according to EC Regulation No. 10/2011 and the corresponding regulatory statutes.

2) Selected test was specified by client.

3) The test condition and simulant used were specified by client.

TEST RESULTS

OVERALL MIGRATION TEST FOR PLASTIC MATERIALS IN CONTACT WITH FOODSTUFFS

Test Condition: 3% Acetic Acid: 70°C, 2 hrs
10% Ethanol: 70°C, 2 hrs
50% Ethanol: 70°C, 2 hrs

Simulant Used	Unit	Result
		A2
3% Acetic Acid	mg/dm ²	<5 mg/dm ²
10% Ethanol		<5 mg/dm ²
95% Ethanol		<5 mg/dm ²

Tested Item(s) : A2 FOOD CONTACT SURFACE OF GOLDEN METAL STRAW

Note: "<" = less than

Reporting Limit: <5 mg/dm²

Requirement: 10 mg/dm²

mg/dm² = milligram per square decimetre

Method: EN 1186-1: 2002.

Remark: 1) For article intended for repeated use, the migration tests are carried out three times on the same test sample and the third test result is shown in result table.

TEST RESULTS

SPECIFIC MIGRATION OF PHTHALATES FOR PLASTIC MATERIALS IN CONTACT WITH FOODSTUFFS (EU 10/2011)

Test Condition: 3% Acetic Acid: 70°C, 2 hrs
10% Ethanol: 70°C, 2 hrs
50% Ethanol: 70°C, 2 hrs

Parameter	Simulant used	Unit	Result	Requirement (mg/kg)
			A2	
Butyl benzyl phthalate (BBP)	3% Acetic Acid 10% Ethanol 95% Ethanol	mg/kg	ND	30
Dibutyl phthalate (DBP)	3% Acetic Acid 10% Ethanol 95% Ethanol	mg/kg	ND	0.3
Di-2-ethylhexyl phthalate (DEHP)	3% Acetic Acid 10% Ethanol 95% Ethanol	mg/kg	ND	1.5
Di-iso-decyl phthalate (DIDP) and Di-iso-nonyl phthalate (DINP)	3% Acetic Acid 10% Ethanol 95% Ethanol	mg/kg	ND	9

Tested Item(s) : A2 FOOD CONTACT SURFACE OF GOLDEN METAL STRAW

Note: "<" = less than

mg/kg = milligram per kilogram

Method: EN 13130-1: 2004 and analysis by Liquid Chromatograph Mass Spectrometer (LC-MS).

TEST RESULT

Migration of Certain Elements from Metals and Alloys used in Food Contact Materials and Articles:

Test Method : With reference to Metals and Alloys used in Food Contact Materials and articles - A Practical Guide to Manufacturers and Regulators (2013 1st Edition) published by European Directorate for the Quality of Medicines and HealthCare (EDQM), Chapter 3.

Test Item(s)	Item / Component Description(s)
A	GOLDEN METAL STRAW

Simulant	0.5% Citric Acid				
Test Condition	70deg. C, 2 hr				
Test Item(s)	A				
Trial		Sum of 1 & 2	3	Sum of 1 & 2	3
Parameter	Unit	Req.	Req.	-	-
Aluminum (Al)	mg/kg	35	5	0.56	0.33
Antimony (Sb)	mg/kg	0.28	0,04	< 0.004	< 0.004
Chromium (Cr)	mg/kg	1.75	0,25	< 0.1	< 0.1
Cobalt (Co)	mg/kg	0.14	0,02	<0.5	<0.5
Copper (Cu)	mg/kg	28	4	<0.5	<0.5
Iron (Fe)	mg/kg	280	40	<5	<5
Magnesium (Mg)	mg/kg	-	-	< 0.5	< 0.5
Manganese (Mn)	mg/kg	12.6	1,8	0.22	< 0.1
Molybdenum (Mo)	mg/kg	0.84	0,12	< 0.01	< 0.01
Nickel (Ni)	mg/kg	0.98	0,14	<0.02	<0.02
Silver (Ag)	mg/kg	0.56	0,08	< 0.01	< 0.01
Tin (Sn)	mg/kg	700	100	< 5	< 5
Titanium (Ti)	mg/kg	-	-	< 0.5	< 0.5
Vanadium (V)	mg/kg	0.07	0,01	< 0.002	< 0.002
Zinc (Zn)	mg/kg	35	5	<1	<1
Arsenic (As)	mg/kg	0.014	0,002	< 0.001	< 0.001
Barium (Ba)	mg/kg	8.4	1,2	<0.1	<0.1
Beryllium (Be)	mg/kg	0.07	0,01	< 0.001	< 0.001
Cadmium (Cd)	mg/kg	0.035	0,005	< 0.001	< 0.001
Lead (Pb)	mg/kg	0.07	0,010	0.03	0.07
Lithium (Li)	mg/kg	0.336	0,048	<0.01	<0.01
Mercury (Hg)	mg/kg	0.021	0,003	<0.0004	<0.0004
Thallium (Tl)	mg/kg	0.0007	0,0001	< 0.00005	< 0.00005
Conclusion	-	-	-	PASS	PASS

Lower Reporting Limit: (mg/kg)

Al : < 0.1; Sb : 0.004; Cr: 0.1; Co: 0.005; Cu: 0.5, Fe: 5, Mg: 0.5, Mo: 0.01, Ni: 0.02, Ag 0.01, Sn: 5, Ti: 0.5, V: 0.002, Zn: 1, As: 0.001, Ba: 0.1, Be: 0.001, Cd: 0.001, Pb: 0.002, Li:0.01, Hg: 0.0004, Tl: 0.00005



Simulant	Artificial Tap Water				
Test Condition	70 deg. C, 2 Hr				
Test Item(s)	A				
Trial		Sum of 1 & 2	3	Sum of 1 & 2	3
Parameter	Unit	Req.	Req.	-	-
Aluminum (Al)	mg/kg	35	5	0.665	0.415
Antimony (Sb)	mg/kg	0.28	0,04	< 0.004	< 0.004
Chromium (Cr)	mg/kg	1.75	0,25	< 0.1	< 0.1
Cobalt (Co)	mg/kg	0.14	0,02	< 0.005	< 0.005
Copper (Cu)	mg/kg	28	4	< 0.5	< 0.5
Iron (Fe)	mg/kg	280	40	<5	<5
Magnesium (Mg)	mg/kg	-	-	< 0.5	< 0.5
Manganese (Mn)	mg/kg	12.6	1,8	< 0.1	< 0.1
Molybdenum (Mo)	mg/kg	0.84	0,12	< 0.01	< 0.01
Nickel (Ni)	mg/kg	0.98	0,14	<0.02	<0.02
Silver (Ag)	mg/kg	0.56	0,08	< 0.01	< 0.01
Tin (Sn)	mg/kg	700	100	< 5	< 5
Titanium (Ti)	mg/kg	-	-	< 0.5	< 0.5
Vanadium (V)	mg/kg	0.07	0,01	< 0.002	< 0.002
Zinc (Zn)	mg/kg	35	5	< 1	< 1
Arsenic (As)	mg/kg	0.014	0,002	< 0.001	< 0.001
Barium (Ba)	mg/kg	8.4	1,2	<0.1	<0.1
Beryllium (Be)	mg/kg	0.07	0,01	< 0.001	< 0.001
Cadmium (Cd)	mg/kg	0.035	0,005	< 0.001	< 0.001
Lead (Pb)	mg/kg	0.07	0,010	0.005	0.005
Lithium (Li)	mg/kg	0.336	0,048	<0.01	<0.01
Mercury (Hg)	mg/kg	0.021	0,003	<0.0004	<0.0004
Thallium (Tl)	mg/kg	0.0007	0,0001	< 0.00005	< 0.00005
Conclusion		-		PASS	PASS

Lower Reporting Limit: (mg/kg)

Al : < 0.1; Sb : 0.004; Cr: 0.1; Co: 0.005; Cu, 0.5, Fe: 5, Mg: 0.5, Mo: 0.01, Ni: 0.02, Ag 0.01, Sn: 5, Ti: 0.5, V: 0.002, Zn: 1, As: 0.001, Ba: 0.1, Be: 0.001, Cd: 0.001, Pb: 0.002, Li:0.01, Hg: 0.0004, Tl: 0.00005

END