



TEST REPORT

Test Report # 18A-000322 Date of Report Issue: February 7, 2018
Date of Sample Received: February 1, 2018 Pages: Page 1 of 7

CLIENT INFORMATION:

Company: TAIZHOU SONDUO CO.,LTD
Address: No.7,Huiming road, Beicheng Industrial zone,
Huangyan district, Taizhou city, Zhejiang
province, China



SAMPLE INFORMATION:

Product Name: Ice cube
Model/style No.: 511052
Main Material: PE+water
Buyer: -
Supplier: TAIZHOU SONDUO CO.,LTD
Country of Distribution: EU
Testing Period: 02/01/2018-02/07/2018

OVERALL RESULT:

PASS

Refer to page 2 for test result summary and appropriate notes.

HANGZHOU ASIAINSPECTION
TECHNOLOGY CO., LTD

Kevin Lee

Kevin Lee
Technical Manager





TEST REPORT

Test Report # 18A-000322 Date of Report Issue: February 7, 2018
Date of Sample Received: February 1, 2018 Pages: Page 2 of 7

TEST RESULTS SUMMARY:

At the request of the client, the following tests were conducted:

CONCLUSION	TEST(S) CONDUCTED
PASS	Regulation (EC) No 1935/2004, (EU) No 10/2011 and its amendment (EU) 2016/1416-Overall migration
PASS	Regulation (EC) No 1935/2004, (EU) No 10/2011 and its amendment (EU) 2016/1416-Specific migration of heavy metals
PASS	Regulation (EC) No 1935/2004, (EU) No 10/2011 -Specific migration of Primary Aromatic Amines





DETAILED RESULTS:

Regulation (EC) No 1935/2004, (EU) No 10/2011 and its amendment (EU) 2016/1416- Overall migration

Test method: EN1186-1:2002: for selection of conditions and test methods
EN1186-3:2002: aqueous food simulants by total immersion

Specimen No.		1	-	-	Maximum permissible Limit (mg/dm ²)
Simulant used	Test condition	Result (mg/dm ²)	Result (mg/dm ²)	Result (mg/dm ²)	
10% ethanol	2 hours at 70°C	ND	-	-	10
3% acetic acid	2 hours at 70°C	ND	-	-	10
50% ethanol	2 hours at 70°C	ND	-	-	10
Conclusion		PASS	-	-	

Note:

mg/dm² = milligram per square decimeter

ND = Not Detected (Reporting limit = 3 mg/dm²)



**DETAILED RESULTS:****Regulation (EC) No 1935/2004, (EU) No 10/2011 and its amendment (EU) 2016/1416- Specific migration of heavy metals**

Test method: Sample preparation in 3% acetic acid at 40°C for 2hours

Analytical Method: Inductively Coupled Plasma-Mass Spectrometry

Specimen No.		1	-	-	-	Maximum permissible Limit (mg/kg)
Test Item	Detection limit	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Barium	0.1	ND	-	-	-	1
Cobalt	0.05	ND	-	-	-	0.05
Copper	0.5	ND	-	-	-	5
Iron	1.0	ND	-	-	-	48
Lithium	0.1	ND	-	-	-	0.6
Manganese	0.1	ND	-	-	-	0.6
Zinc	1.0	ND	-	-	-	5
Aluminum	0.1	ND	-	-	-	1
Nickel	0.01	ND	-	-	-	0.02
Conclusion		PASS	-	-	-	

Note:

mg/kg=milligram per kilogram

ND= Not Detected



**DETAILED RESULTS:****Regulation (EC) No 1935/2004, (EU) No 10/2011 -Specific migration of Primary Aromatic Amines**

Test Method: To refer to the EN 13130-1:2004, the analysis was performed by Gas Chromatography with Mass Spectrometry.

Specimen No.		1	-	-	-	Limit (mg/kg)
Test Item	Test condition	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Primary Aromatic Amines migration	40°C, 2h 3% Acetic acid	ND	-	-	-	Non-detectable
Conclusion		PASS	-	-	-	-

Note :

mg/kg = milligram per kilogram = ppm

MDL = Method Detection Limit

ND = Not Detected (Reporting Limit= 0.01mg/kg)

Primary Aromatic Amines List:

No.	Name	No.	Name
1	4-aminodiphenyl	14	p-cresidine
2	Benzidine	15	4,4'-methylene-bis-(2-chloroaniline)
3	4-chloro-o-toluidine	16	4,4'-oxydianiline
4	2-naphthylamine	17	4,4'-thiodianiline
5	o-aminoazotoluene	18	o-toluidine
6	2-amino-4-nitrotoluene	19	2,4-diaminotoluene
7	p-chloroaniline	20	2,4,5-trimethylaniline
8	2,4-diaminoanisole	21	2-methoxyaniline
9	4,4'-diaminodiphenylmethane	22	4-aminoazobenzene
10	3,3'-dichlorobenzidine	23	2,4-Xylidine
11	3,3'-dimethoxybenzidine	24	2,6-Xylidine
12	3,3'-dimethylbenzidine	25	p-Phenylenediamine
13	3,3'-dimethyl-4,4'-diaminodiphenylmethane	26	Aniline





SPECIMEN DESCRIPTION:

Specimen No.	Specimen Description	Location
1	Orange soft plastic	Pineapple





SAMPLE PHOTO:



-End Report-

