



TEST REPORT

Test Report # 18A-003854 Date of Report Issue: September 17, 2018
Date of Sample Received: September 10, 2018 Pages: Page 1 of 7

CLIENT INFORMATION:

Company:

Address:

SAMPLE INFORMATION:

Product Name: The Kitchen Suits
Model/style No.: SZL04
Main Material: wheat straw fiber
Buyer: -
Supplier: -
Country of Distribution: EU
Testing Period: 09/10/2018-09/14/2018



OVERALL RESULT:

 **PASS**

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

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The test result(s) and conclusion(s) in this report relate to the sample(s) tested as described herein.
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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

EN1186-9:2002: aqueous food simulants by article filling

EN1186-14:2002: substitute tests for fatty foodstuffs using test media iso-octane and 95% ethanol

Specimen No.		1	2	---	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	ND	---	10
3% acetic acid	2 hours at 70°C	3.3	6	---	10
95% ethanol	2 hours at 60°C	ND	ND	---	10
isooctane	30 minutes at 40°C	ND	ND	---	10
Conclusion		PASS	PASS	---	

Note:mg/dm² = milligram per square decimeterND = 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 70°C for 2hours

Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.		1	2	---	---	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	ND	---	---	1
Cobalt	0.05	ND	ND	---	---	0.05
Copper	0.5	ND	ND	---	---	5
Iron	1.0	ND	ND	---	---	48
Lithium	0.1	ND	ND	---	---	0.6
Manganese	0.1	ND	ND	---	---	0.6
Zinc	1.0	ND	ND	---	---	5
Aluminum	0.1	0.5	0.5	---	---	1
Nickel	0.01	ND	ND	---	---	0.02
Conclusion		PASS	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	2	---	---	Limit (mg/kg)
Test Item	Test condition	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Primary Aromatic Amines migration	70°C, 2h 3% Acetic acid	ND	ND	---	---	Non-detectable
Conclusion		PASS	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





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SPECIMEN DESCRIPTION:

Specimen No.	Specimen Description	Location
1	Green plastic	Plate
2	Beige plastic	Plate





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SAMPLE PHOTO:



-End Report-

