



TEST REPORT

OVERALL RATING	
×	PASS
	FAIL

Test information

Applicant	: ZHEJIANG RUIYUAN INDUSTRY & TRADE CO., LTD.
Address	: NO.186 MEILONG ROAD, NEW DISTRICT OF YONGKANG CITY WEST, ZHEJIANG CHINA.
Sample Description	: LEMON SQUEEZER.
PO#	: Not provided.
Style #	: FK1010,FK1001,FK1020,FK1090,FK1040.
Color	: Not provided.
Country of origin	: China.
Export to	: Not provided.
Buyer	: Not provided.
Receiving Date	: September 07, 2016.
Test period	: September 07, 2016.~September 10, 2016.
Test Requested	: In accordance with German food, articles of daily use and feed code of September 1,2005(LFGB),Section 30&31&35,and EU Regulation(EC) Germany Recommendation for metal release, and EU 10/2011 on materials and articles intended to come into contact with food.

TEST ITEMS	PASS	FAIL	REMARKS
For Material: Polymer Coating- Extractable heavy metal(Ba,Co,Cu,Fe,Li,Zn,Mn).	×		
For material: Polymer Coating-Overall migration.	×		

PASS=Meets client's requirement.

FAIL=Fails to meet client's requirement.

N/A= Not applicable.

RTS TEST CO., LTD.(Zhejiang)

CHANGBIAO YU
LAB MANAGER

RTS TEST CO., LTD. (Zhejiang)

SHIBING MIAO
TECHNICAL DIRECTOR

RTS TEST CO., LTD. (Zhejiang)

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Sample image:



Finished product image:



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**Test result:**

German Food, Articles of Daily Use and Feed Code of September 1,2005(LFGB), Section 30 & 31 with Amendments and BfR Recommendation- Overall migration:(mg/dm²)

Test method: Sample preparation in simulant , With reference to EN 1186-1:2002; Analysis was performed by inductively coupled argon plasma spectrometry.

Test Number	Item/ component description(s)
A1	Yellow coating

Simulant used	Test Condition (For repeated use)	Test result A1	Maximum permissible Limit
3% Acetic Acid	20°C for 24 hours	<10	10

Note:

- 1) <= less than.
- 2) mg/dm² = milligram per square decimeter.
- 3) test condition & Simulant were specified by client.
- 4) "▲" = This data is obtained from composite testing on more than one materials, it is possible that result obtained from individual testing on any one of the materials is substantially higher. Please be cautious when using this data for compliance evaluation.

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**German Food, Articles of Daily Use and Feed Code of September 1,2005(LFGB), Section 30 & 31 with Amendments and BfR Recommendation****Specific Migration of Heavy metal (Unit: mg/kg):****Test method:** Sample preparation with reference to EN 13130-1:2004, Analysis was performed by ICP-OES.**Stimulant used:** 3% acetic acid(w/v)aqueous solution**Test condition :** 20°C 24hr.

Test Number	Item/ component description(s)
A1	Yellow coating

Test item	MDL	Test result A1	Maximum permissible Limit
Extractable Ba	0.25	N.D.	1
Extractable Co	0.05	N.D.	0.05
Extractable Cu	0.25	N.D.	5
Extractable Fe	0.25	46	48
Extractable Li	0.5	N.D.	0.6
Extractable Mn	0.25	N.D.	0.6
Extractable Zn	0.5	N.D.	25

Note:

- 1) N.D.= Not Detected (less than MDL).
- 2) MDL= Method Detection Limit.
- 3) mg/kg= milligram per kilogram.
- 4) test condition & Simulant were specified by client.
- 5) "▲" = This data is obtained from composite testing on more than one materials, it is possible that result obtained from individual testing on any one of the materials is substantially higher. Please be cautious when using this data for compliance evaluation.

----- End of Report -----

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