

Test Report

Report No.: TS21110429



Verify authenticity

Applicant

SUGAS

Address

1st Floor, Sepahan Bldg. Ahmad Ghasir St. Tehran _ Iran

Report Date

2024-11-05

Hangzhou C&K Testing Technic Co., Ltd.



Hangzhou C&K Testing Technic Co., Ltd

Add:1/F,No.4 Building, Huaye Hi-Tech Industrial Park, No.1180, Bin'an Road, Binjiang District, Hangzhou 310052, China

Lab Add:1/F No.4 Building and 4/F No.3 Building, Huaye Hi-Tech Industrial Park, No.1180, Bin'an Road, Binjiang District, Hangzhou 310052, China

Hotline:4006-721-723 Tel:+86 571-8720 6535 Fax:+86 571-8990 0719 E - mail:test@cirs-group.com Website:www.cirs-ck.com

Test Report

Applicant	SUGAS
Address	1st Floor, Sepahan Bldg. Ahmad Ghasir St. Tehran _ Iran
Sample Name	food box
Type/ Model	/
Material/ Colour	bagasse pulp
Other Info.	/

Foreseeable Food-Contact Type	All food
Use Conditions	Disposable;200℃, 10 mintues in microwave oven;Freezing or refrigeration for 72 hours;Normal use temperature 25℃ for 5 days
Use S/V	70%
Test Requirement(s)	Accordding to German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 and 31; BfR-XXXIX; Food and Drug Administration (FDA) Code of Federal Regulations, Title 21, Food and drugs Part 176- Indiect food additives: Paper and paperboard. § 176.170: 21 CFR 176.170 Components of paper and paperboard in contact with aqueous and fatty foods; Resolution AP (2002) 1 on paper and board materials and articles intended to come into contact with foodstuffs.
Test Item(s)	See Test Result(s)
Test Method(s)	See Test Result(s)
Test Result(s)	See Test Result(s)
Conclusion	Based on the performed tests on submitted sample(s), test result(s) comply with the regulatory requirements.

Prepared by:

Candy Huang

Candy Huang

Reviewed by:

Li Xuefeng

Li Xuefeng

Accredited

Signatory by:

Li Chenghai

Li Changhai

Issue date: 2024-11-05

Test Component(s):

No.	Sample Serial No.	Test Component(s)	Type/Model	Material/Colour	Other Info.
001	TS21010635001	food box	/	/	/

Remark:

1. As per client's request, the test results are quoted from test report TS21010635.

Photo(s):


TS21010635001

Test Result(s):

No.	Test Item(s)		Test method	Requirement	Test Result(s)	Conclusion
001	Extracts by chloroform	Water, 250°F, 2h (mg/in ²)	21 CFR 176.170	≤0.5	<0.05	Pass
		8% Ethanol, 250°F, 2h (mg/in ²)	21 CFR 176.170	≤0.5	0.08	Pass
		50% Ethanol, 250°F, 2h (mg/in ²)	21 CFR 176.170	≤0.5	0.22	Pass
		n-heptane, 150°F, 2h (mg/in ²)	21 CFR 176.170	≤0.5	0.32	Pass
	Migration of Lead (Pb) (mg/dm ²)		BS EN 12498-2005(E)	≤0.003	<0.001	Pass
	Migration of Cadmium (Cd) (mg/dm ²)		BS EN 12498-2005(E)	≤0.002	<0.001	Pass
	Migration of Mercury (Hg) (mg/dm ²)		BS EN 12497-2005(E)	≤0.002	<0.001	Pass
	Migration of pentachlorophenol(mg/kg)		BS EN ISO 15320:2011	≤0.15	<0.03	Pass
	Sensory Water, 100°C, 0.5h	Smell	DIN 10955:2004	≤2.5	2	Pass
		Taste	DIN 10955:2004	≤2.5	2	Pass
	Migration of aromatic primary amine	3% Acetic Acid, 100°C, 0.5h (mg/kg)	EN 13130-1:2004; EN ISO 14362-1:2017: 9.4~9.5	Not detected	Not detected (<0.01)	Pass
		10% Ethanol, 100°C, 0.5h (mg/kg)	EN 13130-1:2004; EN ISO 14362-1:2017: 9.4~9.5	Not detected	Not detected (<0.01)	Pass
		Isooctane, 60°C, 1h (mg/kg)	EN 13130-1:2004; EN ISO 14362-1:2017: 9.4~9.5	Not detected	Not detected (<0.01)	Pass
	Migration of Hexavalent chromium (mg/L)		EN 645:1994; ICP-MS	Not detected	Not detected (<0.004)	Pass
	Migration of Trivalent chromium (mg/L)		EN 645:1994; ICP-MS	≤0.004	<0.004	Pass
	Migration of formaldehyde	3% Acetic Acid, 100°C, 0.5h (mg/kg)	DD CEN/TS 13130-23:2005	≤15	<1.5	Pass
		10% Ethanol, 100°C, 0.5h (mg/kg)	DD CEN/TS 13130-23:2005	≤15	<1.5	Pass
		Olive Oil, 100°C, 0.5h (mg/kg)	DD CEN/TS 13130-23:2005	≤15	<1.5	Pass

Remarks:

1. Tested by total immersion.
2. Soaking ratio is 60 cm²/100mL.
3. The results of hexavalent chromium and trivalent chromium were screened by total chromium.

**Statement:**

- I This report is invalid without the signature of accredited signatory. Any alteration to this report is also invalid.
- II This report is invalid without the special seal of inspection & testing and across-page seal.
- III This report shall not be part copy without written approval of Hangzhou C&K Testing Technic Co., Ltd..
- IV Any commercial activity such as advertising or propaganda is not allowed without authorization of Hangzhou C&K Testing Technic Co., Ltd..
- V The test results shown in this report refer only to the sample submitted by applicant.
- VI Please respond to Hangzhou C&K Testing Technic Co., Ltd. within fifteen working days upon receipt of this report if there is any objection.
- VII Hangzhou C&K Testing Technic Co., Ltd. guarantee that we shall not disclose information such as the commercial information, technical documents or test report to any third party.
- VIII The applicant should undertake the legal responsibility that result from providing untruth information.
- IX This report is only for quality control without the seal of China Metrology Accreditation.

The end of report

