



# Test Report

Report No.: HLF23006318E

Date: Jul 1, 2023

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**Applicant** : Shao Neng Group Guangdong oasis ecological technology Co., LTD. Shao Neng essence branch

**Address** : 38 Xiongnan Road, Nanxiong City, Shaoguan City, Guangdong Province

**The following sample(s) and sample information was/were submitted and identified by/on behalf of the client**

Sample Name : Paper

Sample Material : Primary bamboo pulp

Sample Model : /

Sample Received Date : Jun 21, 2023

Test Completed Date : Jul 1, 2023

Test Requested : As specified by client, according to the requirement of EN AP(2002)-1 to do the test for the submitted samples.

Test Method : Refer to the next page(s).

Test Results : Refer to the next page(s).

Test Requested	Conclusion
1.Extractable Heavy metals	PASS
2.Pentachlorophenol content	PASS
3.Migration of the fluorescent whitened agents	PASS

scan to check the report



HLF23006318E

Authorized Signature:

Technology Manager

In no circumstances shall the Company's responsibility extend beyond inspection, testing and reporting upon the samples actually drawn from the bulk and inspected, tested and surveyed by the Company and any inference to be drawn from the results of such inspection or survey or testing shall be entirely in the discretion and at the sole and exclusive responsibility of the Principal. This test report cannot be reproduced except in full.

**FLION TESTING TECHNOLOGIES**

Add: Gangzi Industrial Park, Furong Industrial Area, Xinqiao Village, Shajing Town, Bao'an District, Shenzhen City

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**Test Results:**

**(1) Extractable Heavy metals**

**Method: Refer to EN 645: 1993, perform the analysis by the ICP-AES**

Test Item	Unit	MDL	Result	Limit
Extractable Lead (Deionized water extractant, 3°C, 24h)	mg/dm <sup>2</sup>	0.002	N.D.	0.003
Extractable Cadmium (Deionized water extractant, 3°C, 24h)	mg/dm <sup>2</sup>	0.002	N.D.	0.002
Extractable Mercury (Deionized water extractant, 3°C, 24h)	mg/dm <sup>2</sup>	0.002	N.D.	0.002

Note:

- (1) mg/dm<sup>2</sup> = milligrams per square decimeter
- (2) MDL = Method Detection Limit
- (3) N.D. = Not Detected (less than MDL)

**(2) Pentachlorophenol(PCP) content**

**Method: Refer to ISO 17070: 2006, perform the analysis by the GC-MS**

Test Item	Unit	MDL	Result	Limit
Pentachlorophenol(PCP)	mg/kg	0.05	N.D.	0.15

Note:

- (1) mg/kg = milligram per kilogram
- (2) MDL = Method Detection Limit
- (3) N.D. = Not Detected (less than MDL)

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**(3) Migration of fluorescent whitened agents****Method: Refer to BS EN 648: 2006, perform the evaluation of the grade of fastness of fluorescent whitened agents**

Uses simulation	Result	Requirement
Deionized water	Grade 5	Grade 5
3% acetic acid aqueous solution (w / v)	Grade 5	Grade 5
Saliva simulated solution	Grade 5	Grade 5
Olive oil	Grade 5	Grade 5
Conclusion	Pass	--

**Note:** The evaluation grades have 5 grade (1 to 5), grade 1 is the lowest (poor fastness), grade 5 is the highest (good fastness)**Remark:** The test report is only used for the purpose of customer research, teaching, internal quality control, product development, etc., and is for internal reference only.

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**Test Part Description:** Paper

**Sample Photo**



Note: The results shown in this report refer only to the sample(s) tested.

\*\*\*\*\* End of the report \*\*\*\*\*

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