



中国认可
检测
TESTING
CNAS L0599

Test Report

No. SHAHG2300854003 A01

Date: 03 Mar 2023

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Client Name : SHENYANG GREAT WALL FILTRATION CO., LTD

Client Address : NO. 45 YALUJIANG NORTH STREET, HUANGGU DISTRICT, SHENYANG CITY

Sample Name : STACKED DISC FILTER

Style No. : MODULE

The above sample(s) and information were provided by the client.

THIS REPORT IS TO SUPERSEDE TEST REPORT NO.SHAHG2300854001

SGS Job No. : SHHL2302004115CW - SH

SGS Ref No. : NBHL2302001497SD

Date of Sample Received : 08 Feb 2023

Testing Period : 08 Feb 2023 - 23 Feb 2023

Test Requested : Selected test(s) as requested by the client.

Test Method(s) : Please refer to next page(s).

Test Result(s) : Please refer to next page(s).

Result Summary :

Test Requested	Conclusion
US FDA 21 CFR 176.170-Chloroform soluble extractives	PASS
US FDA 21 CFR 177.2600- Total Extractives	PASS
US FDA 21 CFR 177.1520- Extractable fraction	PASS
US FDA 21 CFR 177.1520- Soluble fraction in Xylene	PASS
US FDA 21 CFR 177.1520-Density at 23°C	PASS
US FDA 21 CFR 177.1520- Melting point	PASS

Signed for and on behalf of
SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.

Lucia Liu
Approved Signatory

scan to see the report



SHAHG2300854003 A01

This report is the English version of SHAHG2300854004 A01.



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Test Result(s) :

Test Part Description :

Specimen No.	SGS Sample ID	Description	Material (claimed by the client)
SN1	SHA23-008540.001	Beige paper board	Paper
SN2	SHA23-008540.003	Red brown silicone rubber ring	Silicone Rubber
SN3	SHA23-008540.007	Transparent plastic grain	PP

Remarks :

- (1) mg/dm² = milligram per square decimeter
- (2) mg/kg = milligram per kilogram
- (3) °C= degree Celsius
- (4) < = less than
- (5) MDL = Method Detection Limit
- (6) ND = Not Detected (< MDL)

US FDA 21 CFR 176.170—Chloroform soluble extractives

Test Method : With reference to US FDA 21 CFR 176.170.

<u>Simulant Used</u>	<u>Time</u>	<u>Temperature</u>	<u>Max. Permissible Limit</u>	<u>Result of 001 Chloroform-solubl e extractives</u>	<u>Conclusion</u>
Distilled water	24.0hr(s)	120°F	0.5mg/inch ²	<0.1mg/inch ²	PASS
50% Ethanol	24.0hr(s)	120°F	0.5mg/inch ²	<0.1mg/inch ²	PASS
n-Heptane	0.5 hr(s)	70°F	0.5mg/inch ²	<0.1mg/inch ²	PASS

US FDA 21 CFR 177.2600- Total Extractives

Test Method : With reference to US FDA 21 CFR 177.2600.

<u>Simulant Used</u>	<u>Time</u>	<u>Temperature</u>	<u>Max. Permissible Limit</u>	<u>Result of 003 Total extractives</u>	<u>Comment</u>
Distilled water	7.0hr(s)	Reflux temperature	20mg/inch ²	<0.5mg/inch ²	PASS
Distilled water Succeeding extraction	2.0hr(s)	Reflux temperature	1mg/inch ²	<0.5mg/inch ²	PASS
n-Hexane	7.0hr(s)	Reflux temperature	175mg/inch ²	17.4mg/inch ²	PASS



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n-Hexane	2.0hr(s)	Reflux	4mg/inch ²	1.6mg/inch ²	PASS
Succeeding extraction		temperature			

US FDA 21 CFR 177.1520- Extractable fraction

Test Method : With reference to US FDA 21 CFR 177.1520(d) 3 (i).

<u>Simulant Used</u>	<u>Time</u>	<u>Temperature</u>	<u>Max. Permissible Limit</u>	<u>Result of 007</u>	<u>Conclusion</u>
n-hexane	2hr(s)	Reflux temperature	6.4% (w/w)	<0.5% (w/w)	PASS

US FDA 21 CFR 177.1520- Soluble fraction in Xylene

Test Method : With reference to US FDA 21 CFR 177.1520 (d) 4 (i).

<u>Test Item(s)</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>007</u>
Soluble fraction in Xylene	9.8	% (w/w)	0.5	1.9
Conclusion				PASS

US FDA 21 CFR 177.1520- Density at 23°C

Test Method : With reference to US FDA 21 CFR 177.1520d(1)

<u>Test Item(s)</u>	<u>Limit</u>	<u>007</u>
Density at 23°C, g/ cm ³	0.880-0.913	0.910
Conclusion		PASS

US FDA 21 CFR 177.1520- Melting Point

Test Method : With reference to US FDA 21 CFR 177.1520 (d) (2).

<u>Test Item(s)</u>	<u>Limit</u>	<u>007</u>
Melting point, °C*	160-180	166
Conclusion		PASS



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Notes :

Test item marked "*" in this report are not included in CNAS/CMA Accredited Scope for our laboratory, these tests were subcontracted to SGS-CSTC Standards Technical Services Co., Ltd Ningbo branch(CNAS L4305&CMA 181121341230).

This report updates Sample Photo.

Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule ($w=0$) stated in ILAC-G8:09/2019.



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Sample photo:



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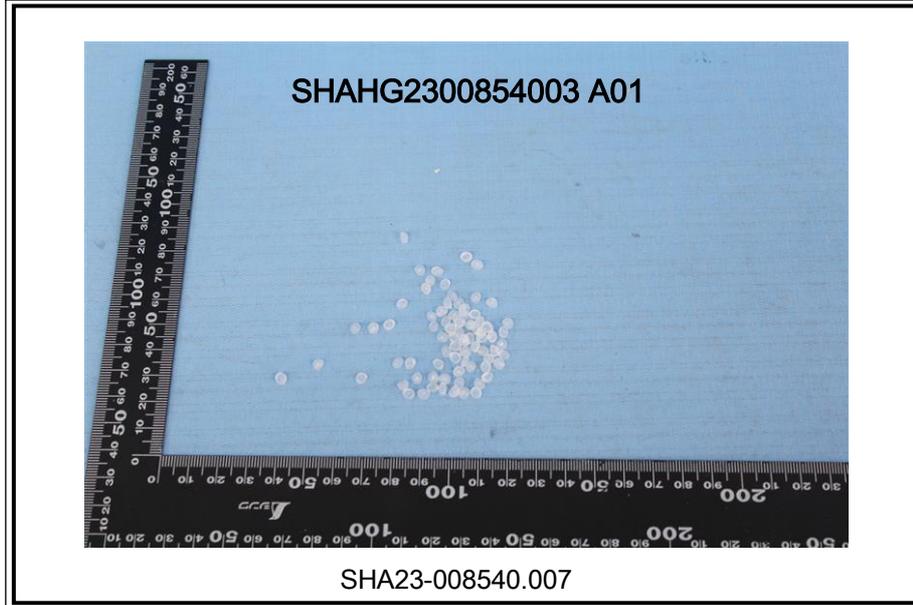
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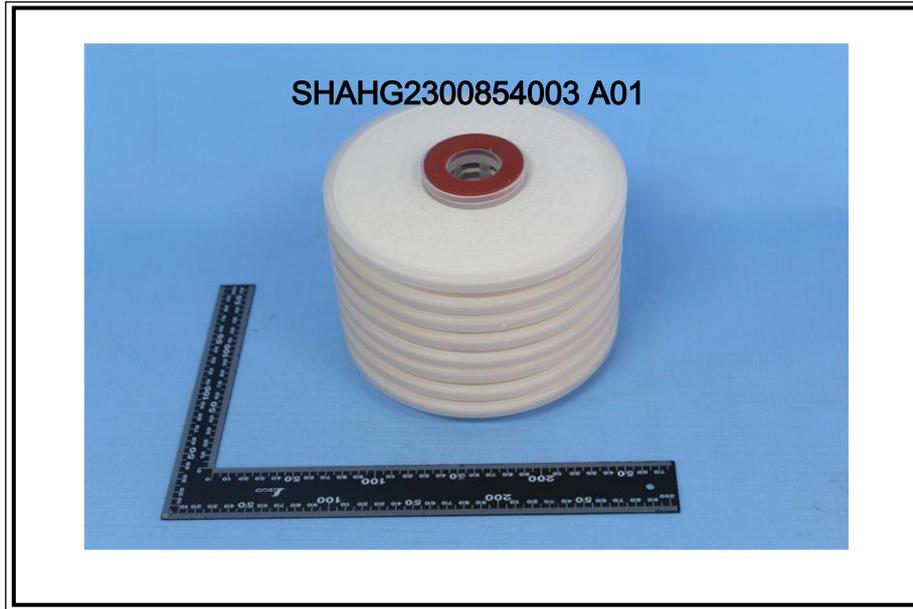
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