

EC DECLARATION OF CONFORMITY

(for Construction Products Regulation (EU) No 305/2011)

Reference: iiT2502270858 / Feb.27th, 2025

This is to certify that the following designated products:

Product : SHOWER FILTER
Description : Sa-001, sa-002, sa-003, sa-004, sa-005, AHG15, AHG15 EW-SF-15

comply with Regulation (EU) No 305/2011, referred to as Construction Products Regulation.

This declaration was based on the following Standards:

European Standard : EN 14898:2006+A1:2007
TCF : NI2502202502273444

This Declaration of Conformity is the responsibility of the Applicant:

Applicant Name : YUYAO SHENGAO WATER PURIFICATION APPLIANCE CO., LTD.
Address : NO.1-1 CHANGLINGJIANG, CHANGLINGJIANG VILLAGE,
MAZHU TOWN, YUYAO CITY, ZHEJIANG PROVINCE, CHINA

Statement:

Based on an evaluation of a sample of the above mentioned product, we can confirm that a technical file exists for the submitted sample.

This certificate does not imply assessment of the production of the product.

The manufacturer is responsible for the product and ensuring that all manufactured products are in compliance with the essential health and safety requirements of EC directive.

Issue date : Feb.27th, 2025

Expiry date : Feb.26th, 2028

ILAND PAPER



For ILAND TESTING & CERTIFICATION



General Director

Please send the certificate to service@ilandlab.com for verify the authenticity.

iland International Testing and Certification LTD.
12 Fishamble Street Dublin City Dublin 2 Dublin IRELAND
<http://www.ilandlab.com> E-mail: service@ilandlab.com

TEST REPORT

Applicant : Yuyao Shengao Water Purification Electrical Appliance Co., Ltd
Address : 1-1 Changlengjiang Village, Mazhu Town, Yuyao City, Zhejiang Province

Report on the submitted sample said to be

Sample name : Shower filter
Model : Sa-01
Supplementary model : sa-02
Trade Name : N/A
Manufacturer : Yuyao Shengao Water Purification Electrical Appliance Co., Ltd
Address : 1-1 Changlengjiang Village, Mazhu Town, Yuyao City, Zhejiang Province
Sample received date : Jul. 15, 2025
Testing period : Jul. 15, 2025 – Jul. 21, 2025
Test Result(s) : Please refer to the next pages

Test Sample	Test Requested:	Conclusion
001	As requested by client, according to the FDA CFR 21 181.32 or 180.22. - Extractives in distilled water - Extractives in 3% acetic acid - Extractives in 8% ethanol - Extractives in n-Heptane	Pass



Signed for and on behalf of

Guangdong SCS Testing and Certification (Group) Co., Ltd.

Ranhe Yan
Lab Manager Ranhe Yan

Jul. 21, 2025

Date of issue



Test Result:

Sample Description

No.	Sample	Description
001	Shower filter	Silvery ABS

1. FDA CFR 21 181.32 or 180.22

Method: US FDA CFR 21 181.32 or 180.22.

Analyte	Test Condition	Result	MDL (mg/inch ²)	Requirement (mg/inch ²)
		001		
Extractives in distilled water	120°F 24h	ND	1.0	18
Extractives in 3% acetic acid	70°F 0.5h	ND	1.0	18
Extractives in 8% ethanol	70°F 0.5h	ND	1.0	18
Extractives in n-Heptane	70°F 0.5h	ND	1.0	18

Note: mg/inch² = milligram per square inch

N.D = Not Detected.

MDL=Method Detection Limit

Picture of sample

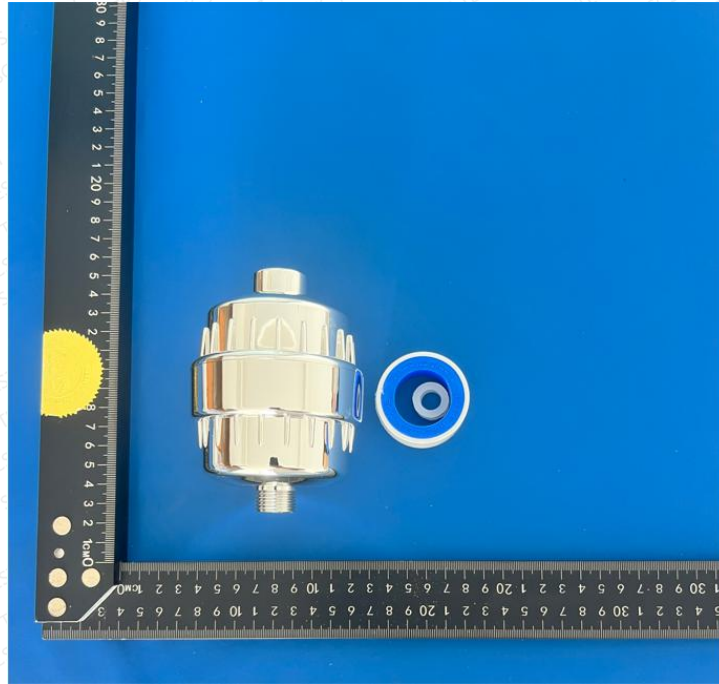


Photo 1

**** END OF REPORT ****



Test Report

Applicant : Yuyao Sheng'ao water purification Appliance Co. Ltd
Address : Jiangjialong Village, Mazhu Town, Yuyao City

Manufacturer : Yuyao Sheng'ao water purification Appliance Co. Ltd
Address : Jiangjialong Village, Mazhu Town, Yuyao City

Sample Name : SHOWER FILTER
Sample Model : sa-004, sa-005, sa-006, sa-007, sa-008

Received Date : June 19, 2017
Testing Period : June 19, 2017 ~ June 22, 2017
Test Requested : As specified by client, with reference to RoHS Directive 2011/65/EU to determine the Lead, Cadmium, Mercury, Hexavalent Chromium, PBBs (Polybrominated Biphenyls) & PBDEs (Polybrominated Diphenyl Ethers) content in the submitted sample.

Test Method : Please refer to next page.
Test Results : Please refer to next page(s).
Conclusion : Based on the performed tests on submitted sample(s), the results Comply with the RoHS Directive 2011/65/EU and its subsequent amendments.

Shenzhen Huatongwei International Inspection Co., Ltd.

Completed by:

Wangzhen.Cao

Wangzhen.cao

Reviewed by:

Renyou.Yang

Renyou.yang

Approved by:

Calor.Li

Lab Manager Calor .Li



R/C: 55574



1. Test Method (s):

As requested by the client, Reference to IEC62321-3-1-2013 (Ed1.0) Procedures for the screening analysis of Lead (Pb), Cadmium (Cd), Mercury (Hg), total Chromium (Cr), and Bromine (Br) by XRF. If the screening analysis results exceed the screening limits of IEC62321-3-1-2013 (Ed1.0) Annex A, use the chemical methods for testing.

Table1 IEC62321-3-1-2013 (Ed1.0) Annex A screening limits of XRF (mg/kg)

Element	Polymer	Metal	Composite Materials
Cd	$BL \leq (70-3\sigma) < X < (130+3\sigma) \leq OL$	$BL \leq (70-3\sigma) < X < (130+3\sigma) \leq OL$	$LOD < X < (150+3\sigma) \leq OL$
Pb	$BL \leq (700-3\sigma) < X < (1300+3\sigma) \leq OL$	$BL \leq (700-3\sigma) < X < (1300+3\sigma) \leq OL$	$BL \leq (500-3\sigma) < X < (1500+3\sigma) \leq OL$
Hg	$BL \leq (700-3\sigma) < X < (1300+3\sigma) \leq OL$	$BL \leq (700-3\sigma) < X < (1300+3\sigma) \leq OL$	$BL \leq (500-3\sigma) < X < (1500+3\sigma) \leq OL$
Br	$BL \leq (300-3\sigma) < X$	Not applicable	$BL \leq (250-3\sigma) < X$
Cr	$BL \leq (700-3\sigma) < X$	$BL \leq (700-3\sigma) < X$	$BL \leq (500-3\sigma) < X$

BL = Less than screening limits of XRF

OL = More than screening limits of XRF

X = The results of screening analysis by XRF are within this range, requiring further chemical testing.

LOD = Limit of Detection

Table2 testing methods & Equipments

Testing Item	Testing Method	Equipment	Equipment No.	Cal Date	Due Date
Screening analysis by XRF					
Lead(Pb) Cadmium(Cd) Mercury(Hg) Chromium(Cr) Bromine(Br)	IEC62321-3-1-2013 (Ed1.0)	ED-XRF	HTWC0018	2016/9/8	2017/9/7
Chemical testing					
Lead (Pb)	IEC62321-5-2013 (Ed1.0)	ICP-OES	HTWC0100	2016/9/8	2017/9/7
Cadmium (Cd)	IEC62321-5-2013 (Ed1.0)	ICP-OES	HTWC0100	2016/9/8	2017/9/7
Mercury (Hg)	IEC62321-4-2013 (Ed1.0)	ICP-OES	HTWC0100	2016/9/8	2017/9/7
Hexavalent chromium (Cr(VI)) for plastic	IEC62321:2008 (Ed1.0) annex C	UV-VIS	HTWC0011	2016/9/8	2017/9/7
Hexavalent chromium (Cr(VI)) for coating on metals	IEC62321-7-1-2015	UV-VIS	HTWC0011	2016/9/8	2017/9/7
PBBs	IEC62321-6-2015 (Ed1.0)	GC-MS	HTWC0001	2016/9/8	2017/9/7
PBDEs	IEC62321-6-2015 (Ed1.0)	GC-MS	HTWC0001	2016/9/8	2017/9/7



2. Test Result(s):

Part No.	Part Description	Restricted Substances	Results (mg/kg)		Comment on RoHS	Resubmitted Date/ Source of Data
			XRF	Chemical Testing		
1	Silvery metal	Cd Pb Hg Cr(VI) PBBs PBDEs	BL BL BL BL NA NA	\	PASS PASS PASS PASS PASS PASS	\
2	White plastic with silvery coatings	Cd Pb Hg Cr(VI) PBBs PBDEs	BL BL BL BL BL BL	\	PASS PASS PASS PASS PASS PASS	\
3	Translucent soft plastic	Cd Pb Hg Cr(VI) PBBs PBDEs	BL BL BL BL BL BL	\	PASS PASS PASS PASS PASS PASS	\
4	Silvery metal mesh	Cd Pb Hg Cr(VI) PBBs PBDEs	BL BL BL BL NA NA	\	PASS PASS PASS PASS PASS PASS	\
5	White plastic	Cd Pb Hg Cr(VI) PBBs PBDEs	BL BL BL BL BL BL	\	PASS PASS PASS PASS PASS PASS	\
6	White non woven fabric	Cd Pb Hg Cr(VI) PBBs PBDEs	BL BL BL BL BL BL	\	PASS PASS PASS PASS PASS PASS	\



Part No.	Part Description	Restricted Substances	Results (mg/kg)		Comment on RoHS	Resubmitted Date/ Source of Data
			XRF	Chemical Testing		
7	White plastic granule	Cd Pb Hg Cr(VI) PBBs PBDEs	BL BL BL BL BL BL	\	PASS PASS PASS PASS PASS PASS	\
8	Black carbon granule	Cd Pb Hg Cr(VI) PBBs PBDEs	BL BL BL BL BL BL	\	PASS PASS PASS PASS PASS PASS	\
9	Translucent soft plastic	Cd Pb Hg Cr(VI) PBBs PBDEs	BL BL BL BL BL BL	\	PASS PASS PASS PASS PASS PASS	\
10	White plastic	Cd Pb Hg Cr(VI) PBBs PBDEs	BL BL BL BL BL BL	\	PASS PASS PASS PASS PASS PASS	\
11	Blue plastic	Cd Pb Hg Cr(VI) PBBs PBDEs	BL BL BL BL BL BL	\	PASS PASS PASS PASS PASS PASS	\
12	White plastic water tape	Cd Pb Hg Cr(VI) PBBs PBDEs	BL BL BL BL BL BL	\	PASS PASS PASS PASS PASS PASS	\

Note:

mg/kg = ppm

ND = Not detected (<MDL)

BL = Less than screening limits of XRF



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OL = More than screening limits of XRF

IN = Inconclusive

NA = Not applicable

\ = Not available

Remark:

- (1) The results of XRF are only for reference ;
- (2) For hexavalent chromium (Cr (VI)), XRF testing result is the content of Chromium (Cr) elements; for polybrominated biphenyls (PBBs) and polybrominated diphenyl ethers (PBDEs), XRF testing result is the content of Bromine (Br) elements;
- (3) According to IEC62321-7-1-2015, three types of Cr (VI) results for coating on metals is as follows:
 Sample Cr(VI) concentration is < 0,10 µg/cm², The coating is considered a non-Cr(VI) based coating, the sample is negative for Cr(VI);
 Sample Cr(VI) concentration is between 0,10 µg/cm² and 0,13 µg/cm², The result is considered to be inconclusive, if addition samples are available, perform a total of 3 trials to increase sampling surface area, use the averaged result of the 3 trials for the final determination;
 Sample Cr(VI) concentration is > 0,13 µg/cm², The sample coating is considered to contain Cr(VI), The sample is positive for Cr(VI);

3. Method Detection Limit (MDL) :

For XRF screening analysis (mg/kg)

Item	Pb	Cd	Hg	Br	Cr
Polymer	20	20	20	20	20
Other materials	50	50	50	50	50

For chemical testing (mg/kg)

Item	Pb	Cd	Hg	PBBs	PBDEs	Cr (VI)
General materials	2	2	2	5	5	See remark(2)

Remark:

- (1) PBBs and PBDEs method detection limit only for one substance;
- (2) MDL for polymer and Composites is 2mg/kg, MDL for coating on metals is 0.02µg/cm².

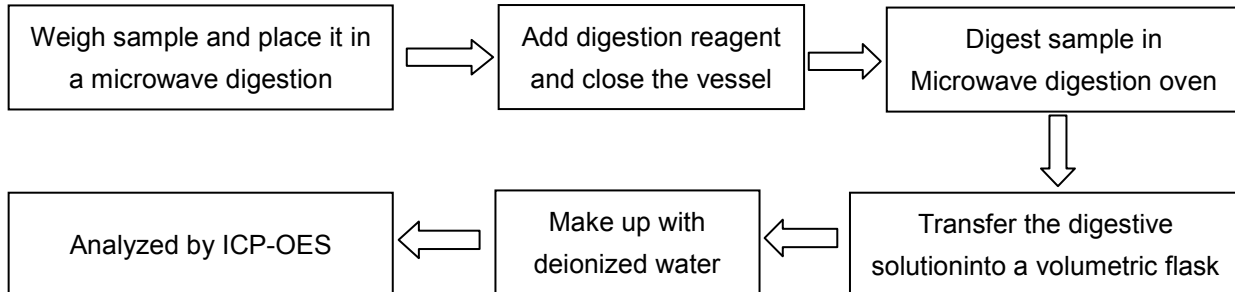
4. RoHS Requirement (mg/kg) :

Restricted substances	Cd	Pb	Hg	Cr(VI)	PBBs	PBDEs
RoHS limit	100	1000	1000	1000	1000	1000

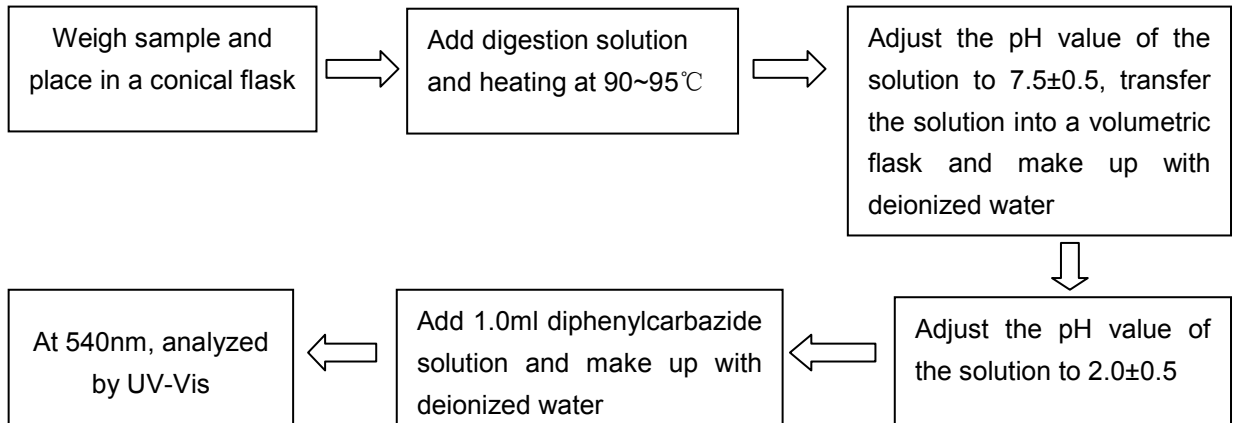


5. Chemical Test Process:

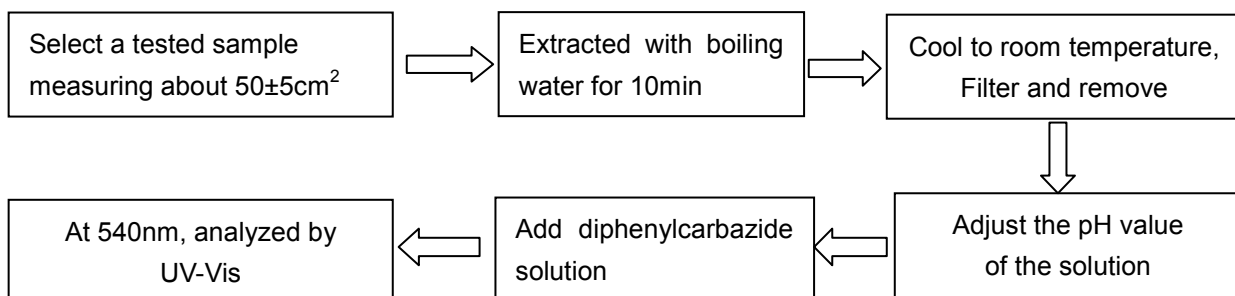
(1) Lead (Pb), Cadmium (Cd), Mercury (Hg)



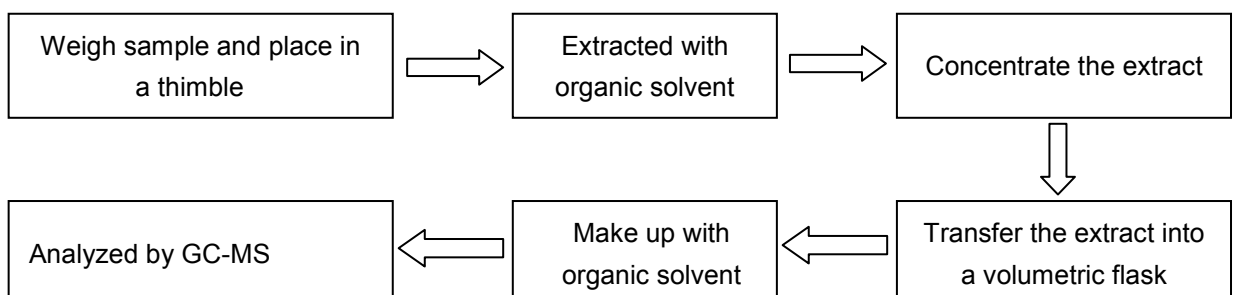
(2) Hexavalent Chromium (Cr (VI)) (Alkaline extraction)



(3) Hexavalent Chromium (Cr (VI)) (Boiling water extraction)

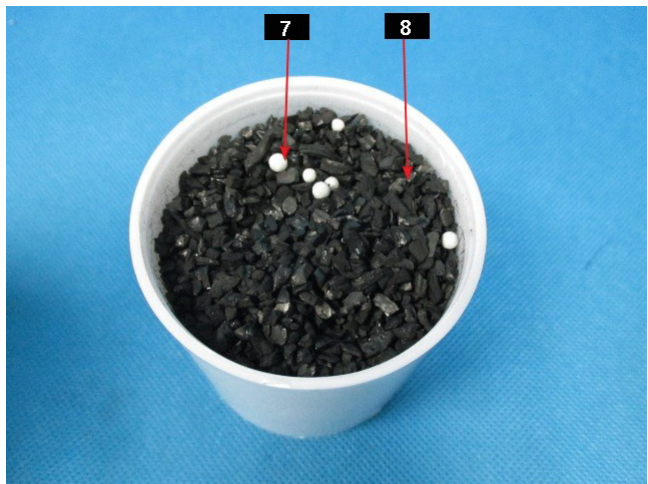
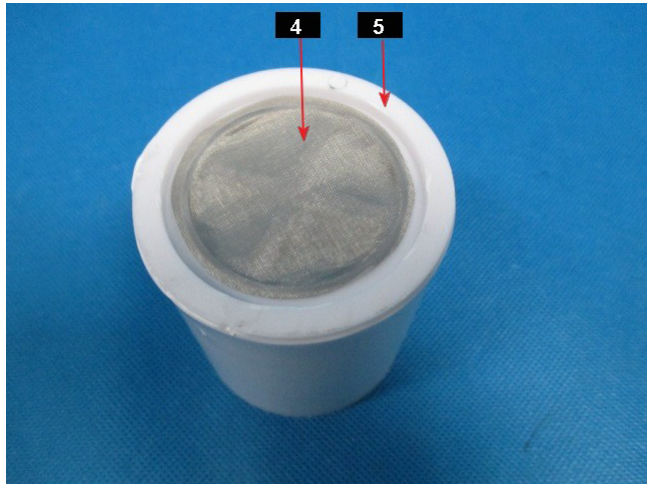
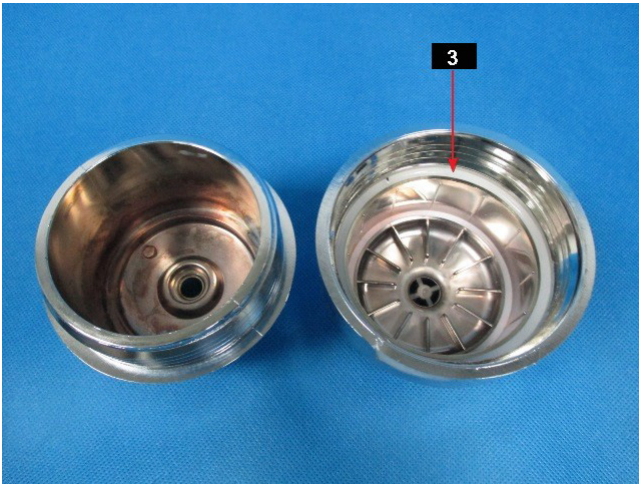
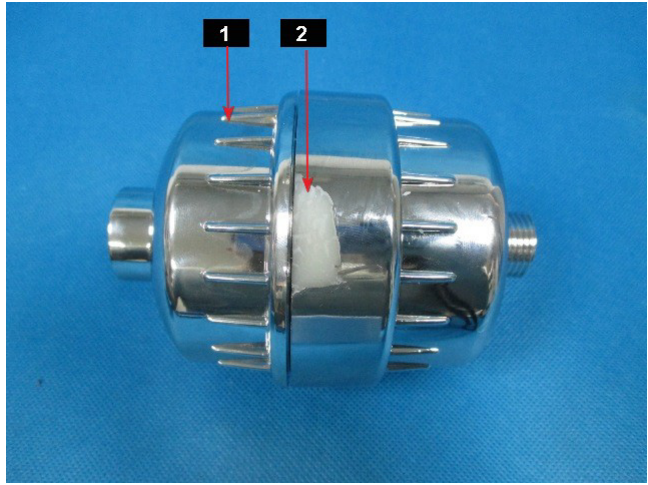


(4) PBBs /PBDEs





6. Appendix :

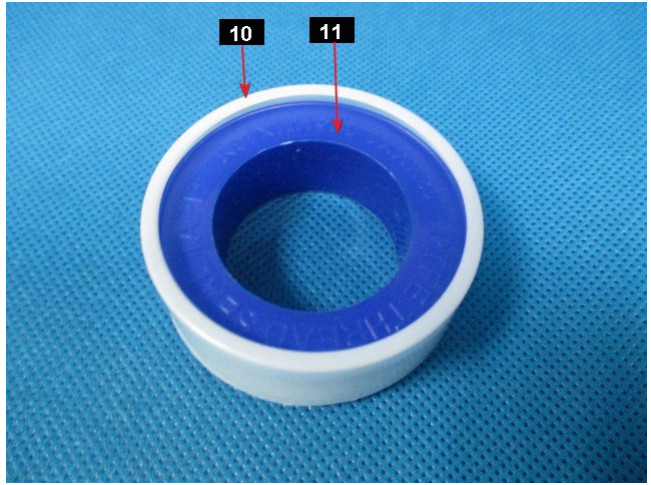
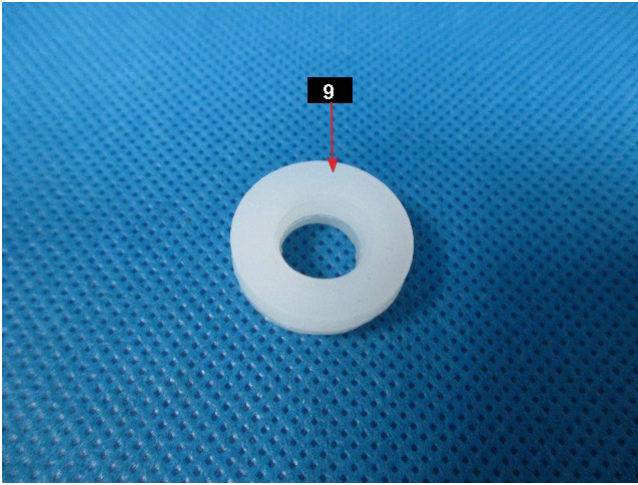




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*****End of Report*****