



aetheris	Technical Data Sheet			No.	A20-001		
	AIRPOP Pocket Mask NV			Date	16-Oct-20		
	2pc , 4pc and 20 pc Packs			Revision	B		
Product Name	AIRPOP Pocket Mask NV- Black			AIRPOP Pocket Mask NV- White			
Product Color	2 pc Pack	4 Pc Pack	20 cp Pack	2 pc Pack	4 Pc Pack	20 cp Pack	
Product Nos	20072101	1704190	20090700	20072100	1704191	20090701	
Product Weight/g	16.78	26.88		16.78	26.88		
Shelf Life	3 years						
Product Type	Multi-Use Disposable daily use protective mask						
Material Perfomance Standard	Bacterial Filtration	Particle Filtration	Differential Pressure	Fluid Resistance	California Proposition 65	Skin Friendly	40 hours use
Test Method	ASTM F2101-19	ASTM F2299 / F2299M-03	EN 14683:2019	ASTM F1862/F1862 M-17	Lead , Phtalates, Bisophenol-A	EN ISO 10993-5 :2009-10	Based on AQL comparison table
Atheris Test Report No.	TR252	TR250	TR266	TR268	TR253	TR087	NA
<b>Brand Owner</b>							
Company	Aetheris Technology (Shanghai) Co., Ltd.						
Address	Rm. F2002, Bldg. No.1, 151 Chuansha Rd. Pudong New District, SH - 200040, China						
Tel	86-021-52999096						
Website	<a href="https://www.airpophealth.com/">https://www.airpophealth.com/</a>						
<b>Manufactured Under Contract by</b>							
Company	Makrite Industries Inc/ Dongguan Sure_On Plastic & Fibre Products Co. Ltd						
Address	No.12, GuangYuan Street, 168 Industrial Area, ZhuFoLing, TangXia Town, DongGuan City, GuanDong, China						
Quality Management Systems	Manufactured In accordance with Quality Management Systems GB/T 19001-2016 / ISO 9001:2015 applicable for the production of Personal Protective Equipment, Filtering Respirators and Half Face Respirators.						
Manufacturer Certification	See Appendix						
<b>EMEA Representative and Authorised distributor</b>							
Company	STRAX Germany GmbH						
Address	Belgische Allee 52 + 54, 53842 Troisdorf, Germany						
email	info@strax.com						
Website	<a href="http://www.makrite.com">http://www.makrite.com</a>						
<b>North America Representative and Authorised distributor</b>							
Company	STRAX Americas, Inc						
Address	7965 Stone Creek -Suite 130, Chanhassen, MN 55317, USA						
email	info.usa@strax.com						
Website	<a href="http://www.makrite.com">http://www.makrite.com</a>						
<b>Raw Material</b>							
Inner Layer	Spun-bond poly nonwoven						
Middle Layer	Meltblown electrostatic nonwoven						
Outer Layer	Spun-bond poly nonwoven						
Nose bridge bar	Closed cell foam						
Ear Band	Polyester 220 mm						

Packing				
Carton Size		58*38*40.2cm		
Box/Bag Size		24*16.5*4cm		
Gross Weight/carton		4.2kg		
Packing Method		2pcs/bag, 300pcs/carton 4pcs/bag, 360pcs/carton		
Storage Conditions				
Temperature and Humidity		Storage Temperature: -20~50℃ Storage Humidity: 80% RH Store in ventilated environment, away from contaminated areas,dust, sunlight, extreme temperatures, excessive moisture and damaging chemicals.		
Product Photo				
Product	Colour	EAN/UPC	Product	Packaging
AIRPOP Pocket (2pcs)	BLACK	6970126171073		
AIRPOP Pocket (4pcs)	BLACK	4029948103907		
AIRPOP Pocket NV (20pcs)	BLACK	4029948104812		
AIRPOP Pocket (2pcs)	WHITE	4029948105086		
AIRPOP Pocket (4pcs)	WHITE	4029948103914		
AIRPOP Pocket NV (20pcs)	WHITE	4029948104805		
Statement of Intended Use				
	<p>This Airpop face covering is designed and manufactured to achieve certified levels of filtration , breathability and fluid resistance providing the wearer an effective two-way barrier reducing the spread of airborne particles and respiratory droplets / secretions in a community setting.</p> <p>These masks can under no circumstances replace respiratory protective equipment in the workplace.</p> <p>Nor can they replace medical masks in the healthcare setting.</p> <p>Airpop facemasks are not suitable for children under 3 years of age.</p> <p>It is recommended that children between 3 and 12 years are supervised while wearing any face covering.</p>			



## Test Report

No.T32020280806SN

Date: Aug 27, 2020

Page 1 of 2

AETHERIS TECHNOLOGY (SHANGHAI) CO., LTD  
ROOM 312, THE TOWER WEST NO.1, 100 YEJIAZHAI ROAD, PUTUO DISTRICT, SHANGHAI, CHINA

**The content of this test report is extracted from the test report number T32020270233SN**

The following samples were submitted and identified on behalf of the client as:

MASK / AIRPOP MASK

SGS Case No. : CA320202711279  
Lot No. / Batch Code : NOT PROVIDED  
Sample Description : WHITE FABRIC  
Quantity Submitted : 50 PCS  
Sample Receiving Date : JUL 08, 2020  
Test Performing Date : JUL 08, 2020 TO JUL 23, 2020

Test Requested : Please refer to the result summary.

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

Result Summary :

Test Requested	Conclusion
Bacterial filtration efficiency (ASTM F2101-19)	See Result

\*\*\*\*\*

Signed for and on behalf of  
SGS Hong Kong Ltd.

Au Kam Chi, Gigi  
Technical Manager

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## Test Report

No.T32020280806SN

Date: Aug 27, 2020

Page 2 of 2

### Bacterial filtration efficiency ASTM F2101-19

Test Side : White fabric (2 layers)  
 Pre-Conditioning : Minimum of 4 hours at 21±5°C and 85±5% R.H.  
 Dimensions of test specimen : 177 mm x 94 mm  
 BFE Test Area : 49 cm<sup>2</sup>  
 BFE Flow Rate : 28.3 l/min  
 Test bacteria : Staphylococcus aureus ATCC 6538  
 Mean Particle Size : 3.0 µm  
 Positive Control Average : 2.2 x 10<sup>3</sup> CFU  
 Negative Monitor Count : < 1 CFU

Test Specimen	Percent BFE (%)
1	99.9
2	99.9
3	99.9
4	99.9
5	99.9

Note: Plate count total for each stage can be provided upon request.

### Photo Appendix



Sample as received

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## Test Report

No.T32020280805SN

Date: Aug 27, 2020

Page 1 of 2

AETHERIS TECHNOLOGY (SHANGHAI) CO., LTD  
ROOM 312, THE TOWER WEST NO.1, 100 YEJIAZHAI ROAD, PUTUO DISTRICT, SHANGHAI, CHINA

**The content of this test report is extracted from the test report number T32020270235SN.**

The following samples were submitted and identified on behalf of the client as:

MASK / AIRPOP MASK

SGS Case No. : CA320202711279  
Lot No. / Batch Code : NOT PROVIDED  
Sample Description : WHITE FABRIC  
Quantity Submitted : 50 PCS  
Sample Receiving Date : JUL 08, 2020  
Test Performing Date : JUL 08, 2020 TO JUL 23, 2020

Test Requested : Please refer to the result summary.

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

Result Summary :

Test Requested	Conclusion
Determining the Initial Efficiency of Materials Used in Medical Face Masks to Penetration by Particulates Using Latex Spheres (ASTM F2299/F2299M-03 (Reapproved 2017))	See Result

\*\*\*\*\*

Signed for and on behalf of  
SGS Hong Kong Ltd.

Au Kam Chi, Gigi  
Technical Manager

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## Test Report

No.T32020280805SN

Date: Aug 27, 2020

Page 2 of 2

### Determining the Initial Efficiency of Materials Used in Medical Face Masks to Penetration by Particulates Using Latex Spheres (ASTM F2299/F2299M-03 (Reapproved 2017))

Test Side : White fabric (2 layers)  
 Pre-Conditioning : Minimum of 4 hours at 21±3°C and 30-50±5% R.H.  
 Test Condition : 21±3°C and 50±5% R.H.  
 Test Area : 41.61 cm<sup>2</sup>  
 Flow Rate : 34.6 L/min  
 Face Velocity : 13.8 cm/s  
 Particle Size : 0.1 µm  
 Average Filtration Efficiency : 99.31%  
 Standard Deviation : 0.00

Test Specimen	Pressure Drop (inH <sub>2</sub> O)	Test Article Counts	Average Control Counts	Filtration Efficiency (%)
1	0.186	3216	453231	99.29
2	0.186	3317	501148	99.34
3	0.186	3120	441964	99.29
4	0.186	3060	440622	99.31
5	0.186	3048	463791	99.34

Note: The procedure incorporated a non-neutralized challenge. The non-neutralized aerosol is also specified in the FDA guidance document on surgical face masks.

### Photo Appendix



Sample as received

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Test Report

SL52035299054401TX

Date: October 12, 2020

Page 1 of 3

AETHERIS TECHNOLOGY (SHANGHAI) CO., LTD.

RM. F2002, BLDG. NO.1, 151 CHUANSHA RD. PUDONG, NEW DISTRICT, SH - 200040, CHINA

The following sample(s) was/were submitted and identified on behalf of the client as:

Sample Description : (A) Airpop pocket mask

SGS Internal Ref.No. : CP20-050051

Sample Color : (A) White

Lot No./Batch Code : Not Provided

Test Performed : Selected test(s) as requested by applicant

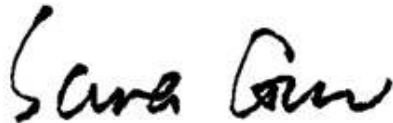
Sample Receiving Date : Sep 23, 2020

Testing Period : Sep 24, 2020 - Oct 12, 2020

Test Result(s) : Unless otherwise stated the results shown in this test report refer only to the sample(s) tested, for further details, please refer to the following page(s).

Signed for and on behalf of

SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd Testing Center



Sara Guo (Account Executive)

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Test Result

**EN 14683:2019+AC:2019 Medical Face Masks-Requirements and Test Methods**

**Clause 5.2 Performance Requirement**

**Clause 5.2.3 Breathability**

(EN 14683 :2019+AC:2019 Annex C)

Sample: A

Test Side : Randomly test in different location (1 around and 4 away from the centric point) on each of the 5 masks

Pre-Conditioning : Minimum of 4 hours at 21±5°C and 85±5% R.H.

Test Area : 4.9 cm<sup>2</sup>

Flow Rate : 8 l/min

Specimen No.	Test Area No.	Different Pressure for each tested area (Pa/cm <sup>2</sup> )	The average value for each test specimen (Pa/cm <sup>2</sup> )
1	1-1	38.5	32
	1-2	30.1	
	1-3	32.8	
	1-4	26.4	
	1-5	31.4	
2	2-1	33.8	32
	2-2	30.4	
	2-3	31.6	
	2-4	31.6	
	2-5	33.7	
3	3-1	34.9	36
	3-2	35.5	
	3-3	39.9	
	3-4	33.0	
	3-5	34.3	
4	4-1	31.5	34
	4-2	32.6	
	4-3	35.8	
	4-4	39.3	
	4-5	32.0	
5	5-1	33.2	34
	5-2	35.5	
	5-3	34.1	
	5-4	36.7	
	5-5	32.6	

Remark:

- 1) Performance Requirement: Type I<40 Pa/cm<sup>2</sup>, Type II<40 Pa/cm<sup>2</sup>, Type IIR<60 Pa/cm<sup>2</sup>
- 2) The number of specimens that shall be tested is minimum 5, but can be greater and shall be increased if necessary to allow for an AQL(Acceptable Quality Level) of 4%.



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## Sample Photo



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



Test Report

SL52035299058101TX

Date: October 12, 2020

Page 1 of 3

AETHERIS TECHNOLOGY (SHANGHAI) CO., LTD.

RM. F2002, BLDG. NO.1, 151 CHUANSHA RD. PUDONG, NEW DISTRICT, SH - 200040, CHINA

The following sample(s) was/were submitted and identified on behalf of the client as:

Sample Description : (A) Airpop pocket mask

SGS Internal Ref.No. : CP20-050051

Sample Color : (A) White

Lot No./Batch Code : Not Provided

Test Performed : Selected test(s) as requested by applicant

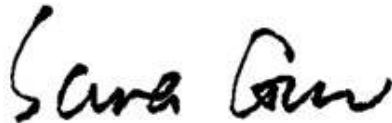
Sample Receiving Date : Sep 23, 2020

Testing Period : Sep 24, 2020 - Oct 12, 2020

Test Result(s) : Unless otherwise stated the results shown in this test report refer only to the sample(s) tested, for further details, please refer to the following page(s).

Signed for and on behalf of

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Test Result

**ASTM F2100-2019 Standard Specification for Performance of Materials Used in Medical Face Masks**

**Section 6 Requirement**

**Section 6.1 Resistance to Penetration by Synthetic Blood**

(ASTM F1862/F1862M-2017)

Sample: A

Test Blood Pressure : Level 1 Barrier-80mmHg,  
 Test volume of synthetic blood : 2 mL  
 Pre-Conditioning : Minimum of 4 hours at 21±5°C (70±10°F) and 85±5% R.H.  
 Distance of the mask to the tip of cannula : 30.5cm (12.0 in.)

Test Specimen#	Penetration on inside surface	Conclusion	Test Specimen#	Penetration on inside surface	Conclusion
1	None Seen	Pass	17	None Seen	Pass
2	None Seen	Pass	18	None Seen	Pass
3	None Seen	Pass	19	None Seen	Pass
4	None Seen	Pass	20	None Seen	Pass
5	None Seen	Pass	21	None Seen	Pass
6	None Seen	Pass	22	None Seen	Pass
7	None Seen	Pass	23	None Seen	Pass
8	None Seen	Pass	24	None Seen	Pass
9	None Seen	Pass	25	None Seen	Pass
10	None Seen	Pass	26	None Seen	Pass
11	None Seen	Pass	27	None Seen	Pass
12	None Seen	Pass	28	None Seen	Pass
13	None Seen	Pass	29	None Seen	Pass
14	None Seen	Pass	30	None Seen	Pass
15	None Seen	Pass	31	None Seen	Pass
16	None Seen	Pass	32	None Seen	Pass
Number of Pass:		32			
Overall result:		Acceptable			

Remark:

- 1) Test was conducted within 1min after removal from conditioning chamber.
- 2) An acceptable quality limit of 4.0% is met for a single sampling plan when 29 or more of the 32 tested specimens show pass results.



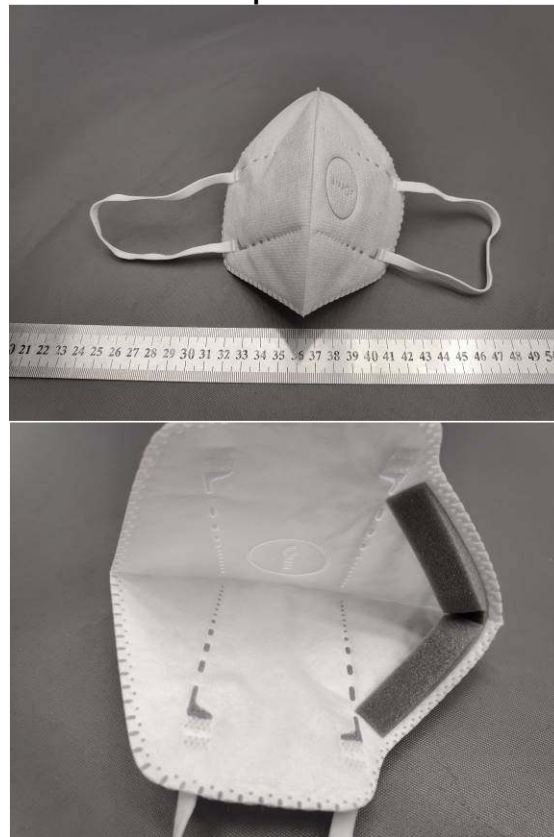
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## Sample Photo



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## Test Report

No. SZXEC2001692301

Date: 29 Jul 2020

Page 1 of 10

AETHERIS TECHNOLOGY(SHANGHAI)CO.,LTD

RM.F2002,BLDG.NO.1,151 CHUANSHA RD.PUDONG,NEW DISTRICT,SH-200010,CHINA

The following sample(s) was/were submitted and identified on behalf of the clients as : Nonwoven of AIRPOP masks

SGS Job No. : RP20-016025 - SZ  
Date of Sample Received : 23 Jul 2020  
Testing Period : 23 Jul 2020 - 29 Jul 2020  
Test Requested : Selected test(s) as requested by client.  
Test Method : Please refer to next page(s).  
Test Results : Please refer to next page(s).

### Result Summary :

Test Requested	Conclusion
US California Proposition 65 - Bisphenol-A	PASS
US California Proposition 65 - Total Lead Content	PASS
US California Proposition 65 - Phthalate Content	PASS

Signed for and on behalf of  
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Andy

Andy Ni  
Approved Signatory



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## Test Report

No. SZXEC2001692301

Date: 29 Jul 2020

Page 2 of 10

Test Results :

### Test Part Description :

Specimen No.	SGS Sample ID	Description
SN1	SZX20-016923.001	Pink sheet 1#
SN2	SZX20-016923.002	White sheet 2#
SN3	SZX20-016923.003	Blue sheet 3#
SN4	SZX20-016923.004	Black sheet 4#
SN5	SZX20-016923.005	Pink sheet 5a#+White sheet 5b#
SN6	SZX20-016923.006	Blue sheet 6a#+Black sheet 6b#

Remarks :

- (1) 1 mg/kg = 0.0001%
- (2) MDL = Method Detection Limit
- (3) ND = Not Detected ( < MDL )
- (4) "-" = Not Regulated

### US California Proposition 65 - Bisphenol-A

Test Method : SGS In-house method (SOP-CCL-002-02, With reference to US EPA Method 3550C:2007), analysis was performed by HPLC-MSMS.

Test Item(s)	Limit	Unit	MDL	001
Bisphenol-A	3.0	mg/kg	1.0	ND
Comment				PASS

Test Item(s)	Limit	Unit	MDL	002
Bisphenol-A	3.0	mg/kg	1.0	ND
Comment				PASS

Test Item(s)	Limit	Unit	MDL	003
Bisphenol-A	3.0	mg/kg	1.0	ND
Comment				PASS

Test Item(s)	Limit	Unit	MDL	004
Bisphenol-A	3.0	mg/kg	1.0	ND
Comment				PASS

Notes :

The maximum permissible limits are quoted from requirement as stated by settlement by Anthony



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## Test Report

No. SZXEC2001692301

Date: 29 Jul 2020

Page 3 of 10

Ferreiro vs Superior Communications Inc.; Wal-Mart Stores Inc.

The reference limit applied in testing is based on particular California Proposition 65 settlements that are most similar to the tested product in the opinion of the lab. The testing in this report does not reflect a user's actual exposure to the tested chemical.

A manufacturer or retailer that is not named in the referenced settlement is not bound by that settlement, and may choose to comply with California Proposition 65 by clearly informing the consumer of potential exposure.

### US California Proposition 65 -Total Lead Content (Textile material)

Test Method : With reference to CPSC-CH-E1002-08.3, Analysis was performed by ICP-OES.

<u>Test Item(s)</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>005</u>
Lead (Pb)	100	mg/kg	20	ND
<b>Comment</b>				<b>PASS</b>

<u>Test Item(s)</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>006</u>
Lead (Pb)	100	mg/kg	20	ND
<b>Comment</b>				<b>PASS</b>

Notes :

The limit of Lead (Pb) is referenced to the requirement as stated in County of San Francisco Superior Court, CGC-08-476552 and CGC-11-508435.

The reference limit applied in testing is based on particular California Proposition 65 settlements that are most similar to the tested product in the opinion of the lab. The testing in this report does not reflect a user's actual exposure to the tested chemical.

A manufacturer or retailer that is not named in the referenced settlement is not bound by that settlement, and may choose to comply with California Proposition 65 by clearly informing the consumer of potential exposure.

Composite test has been performed in equal proportion for the components/material per client requested. And the result is calculated using the minimum sample weight.

### US California Proposition 65 -Phthalate Content (Polymeric materials other than PVC)

Test Method : With reference to CPSC-CH-C1001-09.4. Analysis was performed by GC-MS.

<u>Test Item(s)</u>	<u>CAS NO.</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>005</u>
Dibutyl Phthalate (DBP)	84-74-2	1000	mg/kg	50	ND
Benzylbutyl Phthalate (BBP)	85-68-7	1000	mg/kg	50	ND
Di(2-ethylhexyl)phthalate (DEHP)	117-81-7	1000	mg/kg	50	ND
Diisononyl Phthalate (DINP)	28553-12-0/ 68515-48-0	1000	mg/kg	50	ND



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## Test Report

No. SZXEC2001692301

Date: 29 Jul 2020

Page 4 of 10

Test Item(s)	CAS NO.	Limit	Unit	MDL	005
Diisodecyl Phthalate (DIDP)	26761-40-0/ 68515-49-1	1000	mg/kg	50	ND
Di-n-hexyl Phthalate (DnHP)	84-75-3	1000	mg/kg	50	ND
<b>Comment</b>					<b>PASS</b>

Test Item(s)	CAS NO.	Limit	Unit	MDL	006
Dibutyl Phthalate (DBP)	84-74-2	1000	mg/kg	50	ND
Benzylbutyl Phthalate (BBP)	85-68-7	1000	mg/kg	50	ND
Di(2-ethylhexyl)phthalate (DEHP)	117-81-7	1000	mg/kg	50	ND
Diisononyl Phthalate (DINP)	28553-12-0/ 68515-48-0	1000	mg/kg	50	ND
Diisodecyl Phthalate (DIDP)	26761-40-0/ 68515-49-1	1000	mg/kg	50	ND
Di-n-hexyl Phthalate (DnHP)	84-75-3	1000	mg/kg	50	ND
<b>Comment</b>					<b>PASS</b>

### Notes :

The limit is referenced to the requirement as stated in County of Marin Court, CIV 091146 and County of San Francisco Superior Court, CGC-07-465288 and in the County of Santa Clara Superior Court, 114CV267501.

The reference limit applied in testing is based on particular California Proposition 65 settlements that are most similar to the tested product in the opinion of the lab. The testing in this report does not reflect a user's actual exposure to the tested chemical.

A manufacturer or retailer that is not named in the referenced settlement is not bound by that settlement, and may choose to comply with California Proposition 65 by clearly informing the consumer of potential exposure.

Composite test has been performed in equal proportion for the components/material per client requested. And the result is calculated using the total weight of mixed samples.



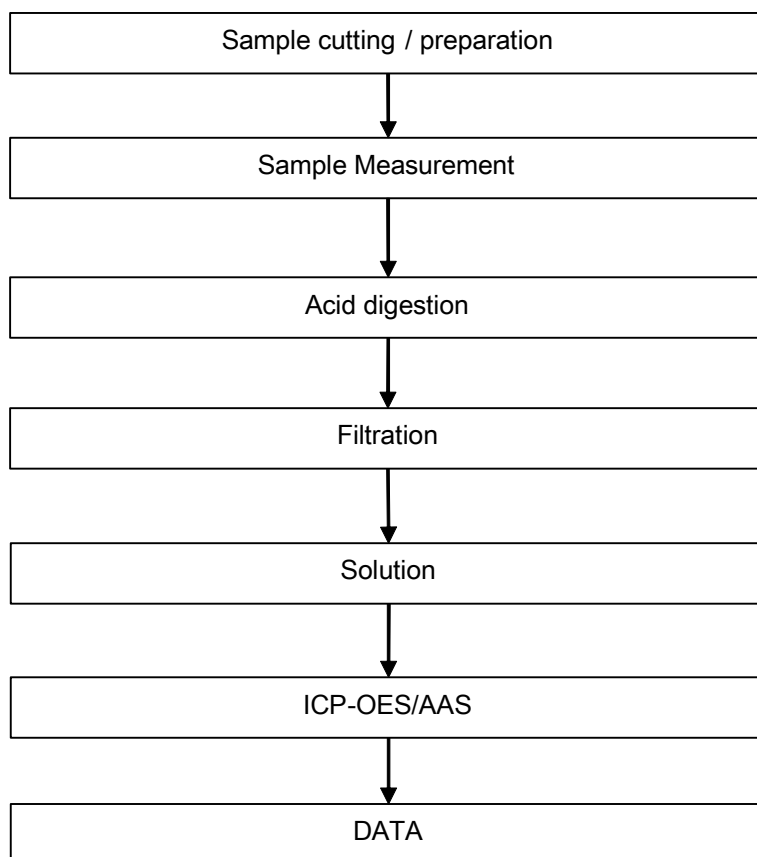
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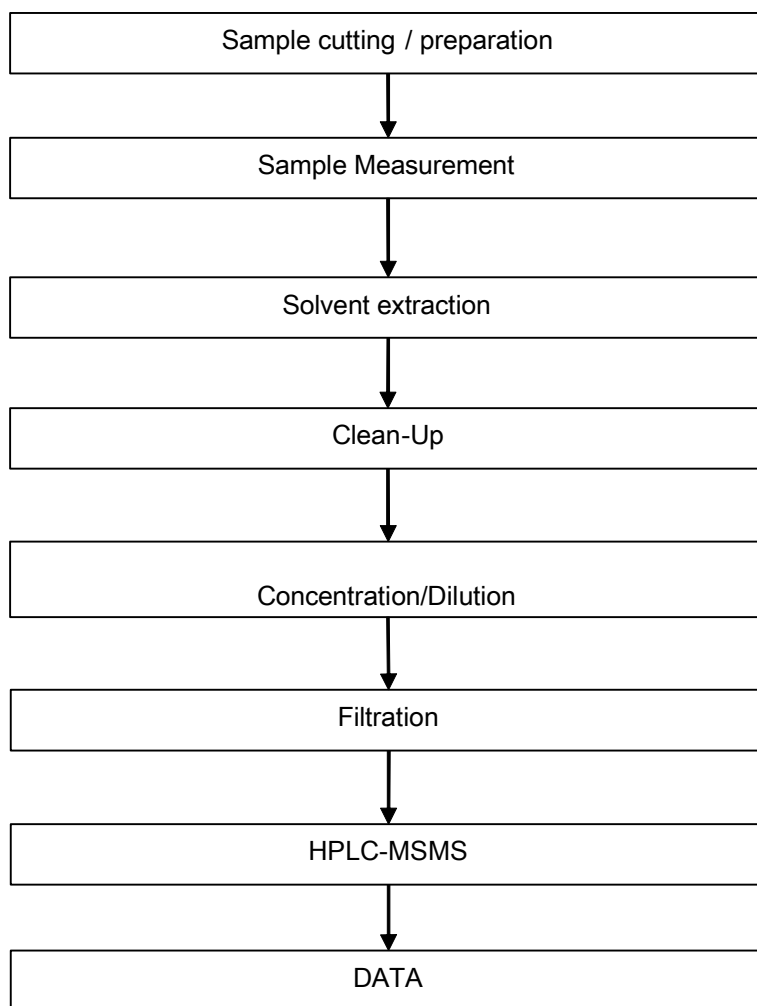
## ATTACHMENTS

### Elementary Testing Flow Chart



## ATTACHMENTS

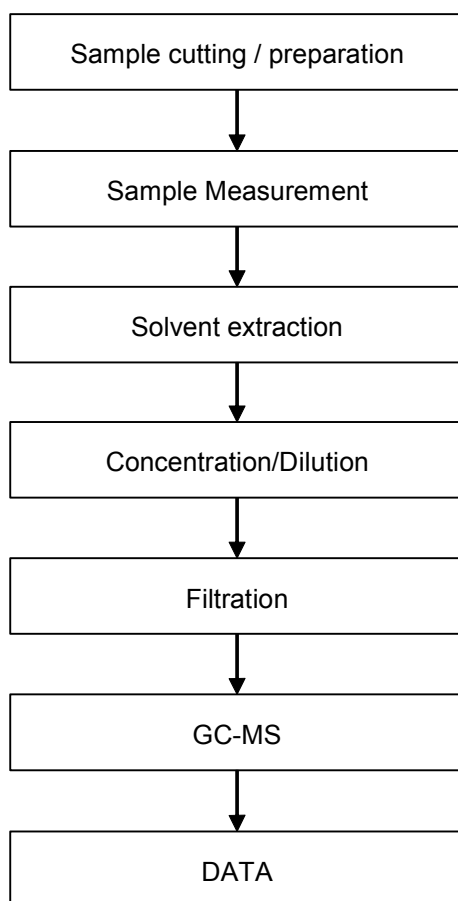
### BPA Testing Flow Chart





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### Phthalates Testing Flow Chart



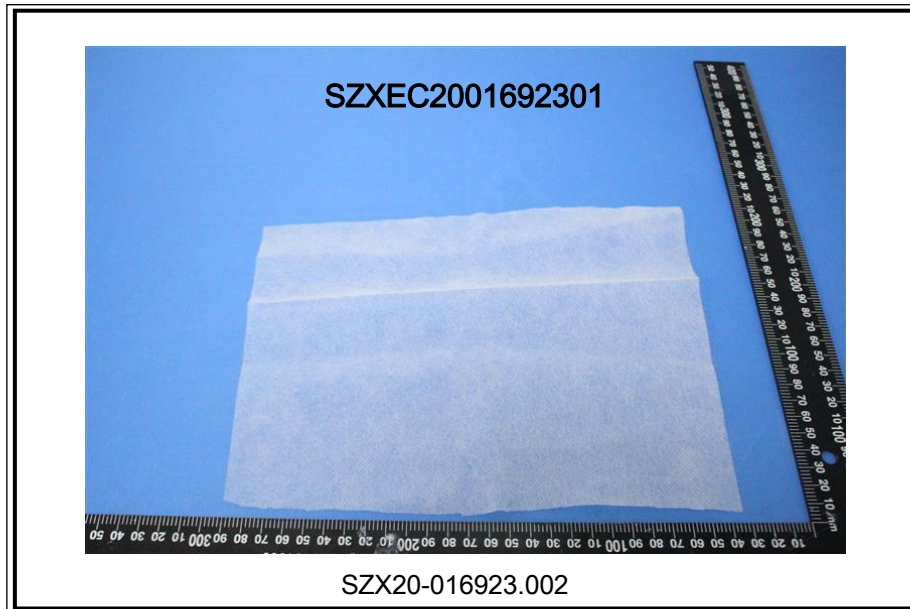
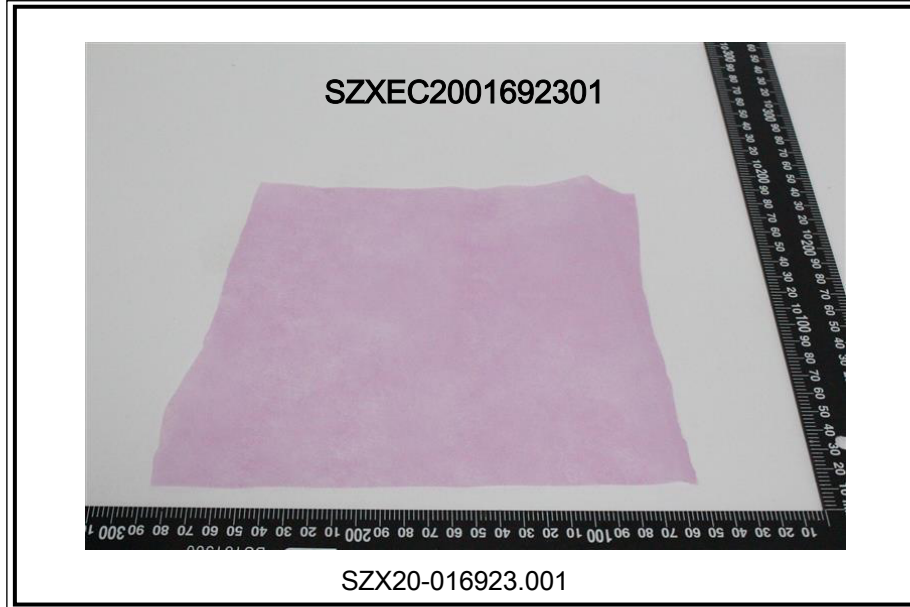
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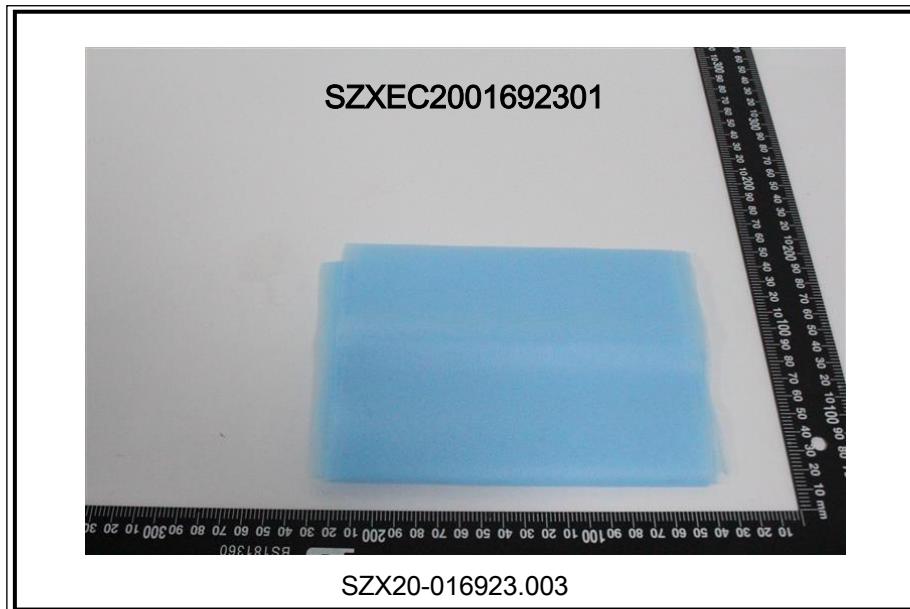
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Date: 29 Jul 2020

Page 8 of 10

Sample photo:









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

## Test Report

No. SZXEC2001692302

Date: 29 Jul 2020

Page 1 of 9

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RM.F2002,BLDG.NO.1,151 CHUANSHA RD.PUDONG,NEW DISTRICT,SH-200010,CHINA

The following sample(s) was/were submitted and identified on behalf of the clients as : Head harness of AIRPOP masks

SGS Job No. : RP20-016025 - SZ  
Date of Sample Received : 23 Jul 2020  
Testing Period : 23 Jul 2020 - 29 Jul 2020  
Test Requested : Selected test(s) as requested by client.  
Test Method : Please refer to next page(s).  
Test Results : Please refer to next page(s).

### Result Summary :

Test Requested	Conclusion
US California Proposition 65 - Bisphenol-A	PASS
US California Proposition 65 - Total Lead Content	PASS
US California Proposition 65 - Phthalate Content	PASS

Signed for and on behalf of  
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Andy

Andy Ni  
Approved Signatory



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## Test Report

No. SZXEC2001692302

Date: 29 Jul 2020

Page 2 of 9

Test Results :

### Test Part Description :

Specimen No.	SGS Sample ID	Description
SN1	SZX20-016923.007	White material 7#
SN2	SZX20-016923.008	Black material 8#
SN3	SZX20-016923.009	White material 9a#+Black material 9b#
SN4	SZX20-016923.010	Pink material 10a#+Blue material 10b#

Remarks :

- (1) 1 mg/kg = 0.0001%
- (2) MDL = Method Detection Limit
- (3) ND = Not Detected ( < MDL )
- (4) "-" = Not Regulated

### US California Proposition 65 - Bisphenol-A

Test Method : SGS In-house method (SOP-CCL-002-02, With reference to US EPA Method 3550C:2007), analysis was performed by HPLC-MSMS.

Test Item(s)	Limit	Unit	MDL	007
Bisphenol-A	3.0	mg/kg	1.0	ND
Comment				PASS

Test Item(s)	Limit	Unit	MDL	008
Bisphenol-A	3.0	mg/kg	1.0	ND
Comment				PASS

Notes :

The maximum permissible limits are quoted from requirement as stated by settlement by Anthony Ferreiro vs Superior Communications Inc.; Wal-Mart Stores Inc.

The reference limit applied in testing is based on particular California Proposition 65 settlements that are most similar to the tested product in the opinion of the lab. The testing in this report does not reflect a user's actual exposure to the tested chemical.

A manufacturer or retailer that is not named in the referenced settlement is not bound by that settlement, and may choose to comply with California Proposition 65 by clearly informing the consumer of potential exposure.

### US California Proposition 65 -Total Lead Content (Textile material)

Test Method : With reference to CPSC-CH-E1002-08.3, Analysis was performed by ICP-OES.



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## Test Report

No. SZXEC2001692302

Date: 29 Jul 2020

Page 3 of 9

Test Item(s)	Limit	Unit	MDL	009
Lead (Pb)	100	mg/kg	20	ND
Comment				PASS

Test Item(s)	Limit	Unit	MDL	010
Lead (Pb)	100	mg/kg	20	ND
Comment				PASS

### Notes :

The limit of Lead (Pb) is referenced to the requirement as stated in County of San Francisco Superior Court, CGC-08-476552 and CGC-11-508435.

The reference limit applied in testing is based on particular California Proposition 65 settlements that are most similar to the tested product in the opinion of the lab. The testing in this report does not reflect a user's actual exposure to the tested chemical.

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Composite test has been performed in equal proportion for the components/material per client requested. And the result is calculated using the minimum sample weight.

### US California Proposition 65 -Phthalate Content (Polymeric materials other than PVC)

Test Method : With reference to CPSC-CH-C1001-09.4. Analysis was performed by GC-MS.

Test Item(s)	CAS NO.	Limit	Unit	MDL	009
Dibutyl Phthalate (DBP)	84-74-2	1000	mg/kg	50	ND
Benzylbutyl Phthalate (BBP)	85-68-7	1000	mg/kg	50	ND
Di(2-ethylhexyl)phthalate (DEHP)	117-81-7	1000	mg/kg	50	ND
Diisononyl Phthalate (DINP)	28553-12-0/ 68515-48-0	1000	mg/kg	50	ND
Diisodecyl Phthalate (DIDP)	26761-40-0/ 68515-49-1	1000	mg/kg	50	ND
Di-n-hexyl Phthalate (DnHP)	84-75-3	1000	mg/kg	50	ND
Comment					PASS

Test Item(s)	CAS NO.	Limit	Unit	MDL	010
Dibutyl Phthalate (DBP)	84-74-2	1000	mg/kg	50	ND
Benzylbutyl Phthalate (BBP)	85-68-7	1000	mg/kg	50	ND
Di(2-ethylhexyl)phthalate (DEHP)	117-81-7	1000	mg/kg	50	ND
Diisononyl Phthalate (DINP)	28553-12-0/ 68515-48-0	1000	mg/kg	50	ND



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## Test Report

No. SZXEC2001692302

Date: 29 Jul 2020

Page 4 of 9

Test Item(s)	CAS NO.	Limit	Unit	MDL	010
Diisodecyl Phthalate (DIDP)	26761-40-0/ 68515-49-1	1000	mg/kg	50	ND
Di-n-hexyl Phthalate (DnHP)	84-75-3	1000	mg/kg	50	ND
Comment					PASS

### Notes :

The limit is referenced to the requirement as stated in County of Marin Court, CIV 091146 and County of San Francisco Superior Court, CGC-07-465288 and in the County of Santa Clara Superior Court, 114CV267501.

The reference limit applied in testing is based on particular California Proposition 65 settlements that are most similar to the tested product in the opinion of the lab. The testing in this report does not reflect a user's actual exposure to the tested chemical.

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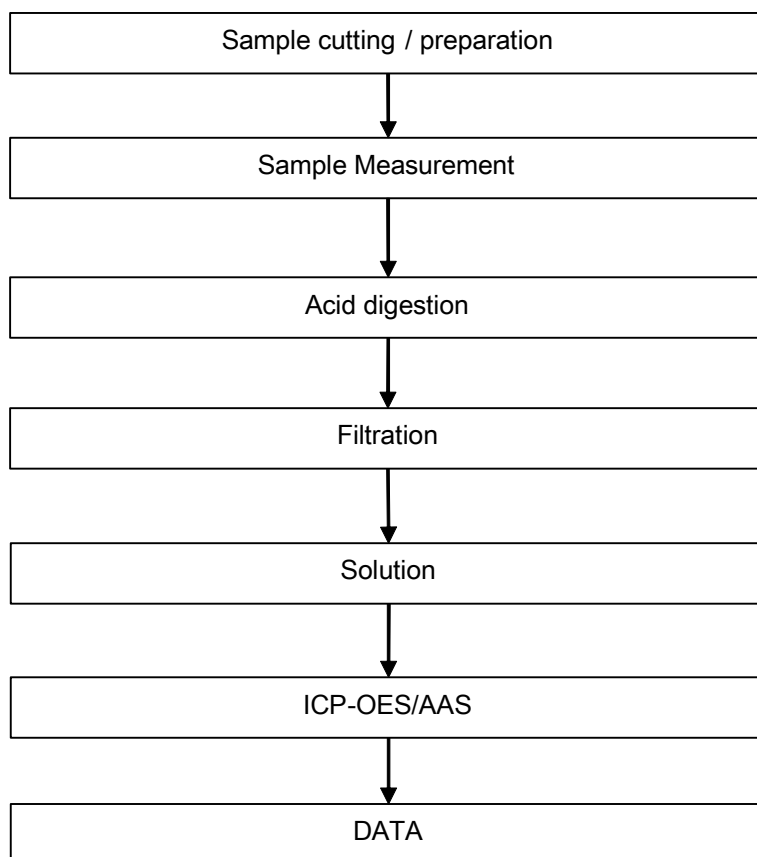
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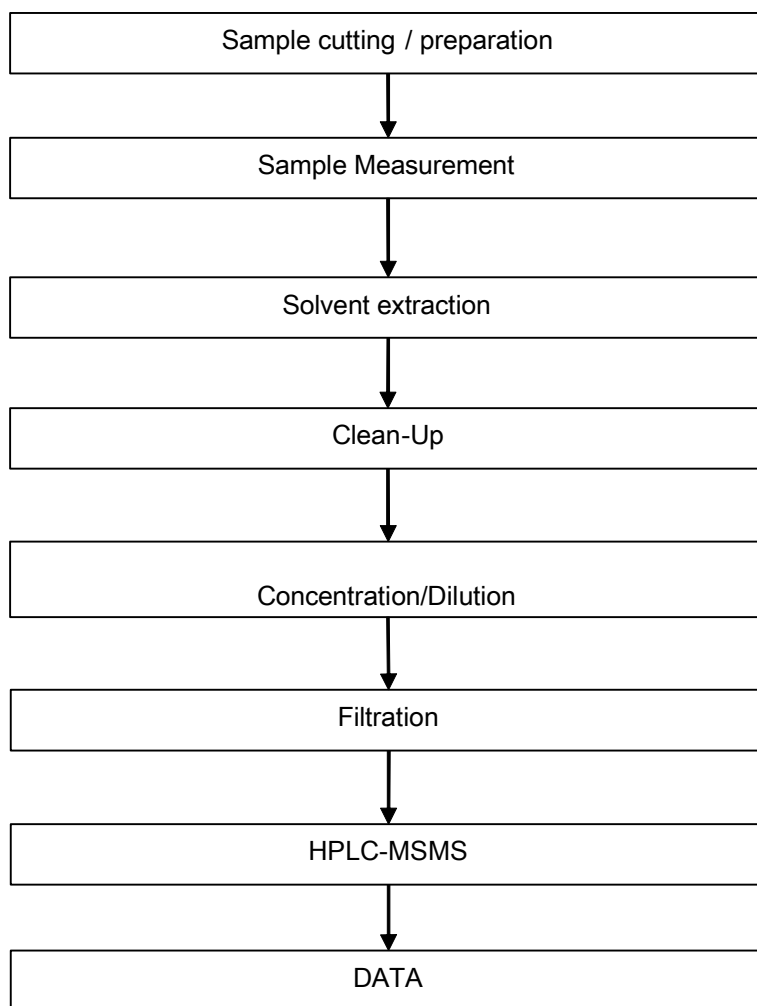
## ATTACHMENTS

### Elementary Testing Flow Chart



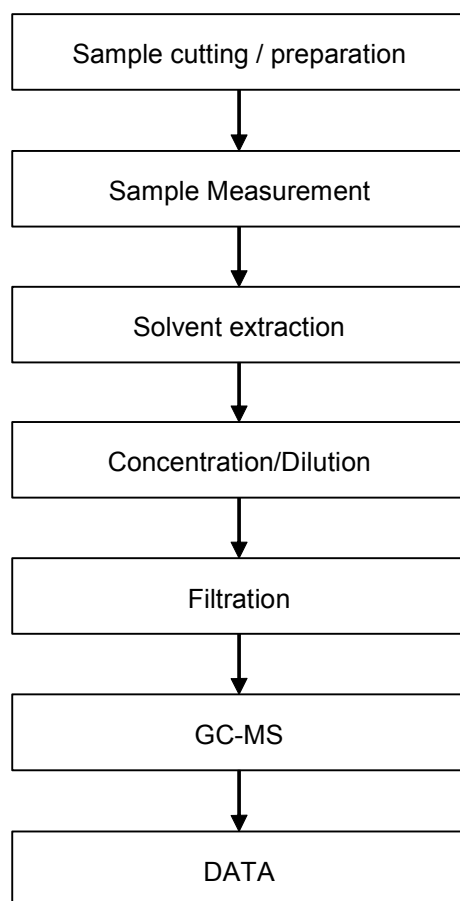
## ATTACHMENTS

### BPA Testing Flow Chart



## ATTACHMENTS

### Phthalates Testing Flow Chart



## Test Report

No. SZXEC2001692302

Date: 29 Jul 2020

Page 8 of 9

Sample photo:







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

## Test Report

No. SZXEC2001692304

Date: 29 Jul 2020

Page 1 of 11

AETHERIS TECHNOLOGY(SHANGHAI)CO.,LTD

RM.F2002,BLDG.NO.1,151 CHUANSHA RD.PUDONG,NEW DISTRICT,SH-200010,CHINA

The following sample(s) was/were submitted and identified on behalf of the clients as : Plastic parts of AIRPOP masks

SGS Job No. : RP20-016025 - SZ  
Date of Sample Received : 23 Jul 2020  
Testing Period : 23 Jul 2020 - 29 Jul 2020  
Test Requested : Selected test(s) as requested by client.  
Test Method : Please refer to next page(s).  
Test Results : Please refer to next page(s).

### Result Summary :

Test Requested	Conclusion
US California Proposition 65 - Bisphenol-A	PASS
US California Proposition 65 - Total Lead Content	PASS
US California Proposition 65 - Phthalate Content	PASS

Signed for and on behalf of  
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Andy

Andy Ni  
Approved Signatory



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## Test Report

No. SZXEC2001692304

Date: 29 Jul 2020

Page 2 of 11

Test Results :

### Test Part Description :

Specimen No.	SGS Sample ID	Description
SN1	SZX20-016923.018	Black material 18#
SN2	SZX20-016923.019	Blue-green material 19#
SN3	SZX20-016923.020	Colorless transparent plastic 20#
SN4	SZX20-016923.021	Colorless transparent material 21#
SN5	SZX20-016923.022	Gray adhesive material 22#
SN6	SZX20-016923.023	Black material 23a#+Blue-green material23b#+Colorless transparent plastic 23c#
SN7	SZX20-016923.024	Colorless transparent material 24a#+Gray adhesive material 24b#

Remarks :

- (1) 1 mg/kg = 0.0001%
- (2) MDL = Method Detection Limit
- (3) ND = Not Detected ( < MDL )
- (4) "-" = Not Regulated

### US California Proposition 65 - Bisphenol-A

Test Method : SGS In-house method (SOP-CCL-002-02, With reference to US EPA Method 3550C:2007), analysis was performed by HPLC-MSMS.

Test Item(s)	Limit	Unit	MDL	018
Bisphenol-A	3.0	mg/kg	1.0	ND
Comment				PASS

Test Item(s)	Limit	Unit	MDL	019
Bisphenol-A	3.0	mg/kg	1.0	ND
Comment				PASS

Test Item(s)	Limit	Unit	MDL	020
Bisphenol-A	3.0	mg/kg	1.0	ND
Comment				PASS

Test Item(s)	Limit	Unit	MDL	021
Bisphenol-A	3.0	mg/kg	1.0	ND
Comment				PASS



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## Test Report

No. SZXEC2001692304

Date: 29 Jul 2020

Page 3 of 11

### Test Item(s)

Bisphenol-A

### Limit

3.0

### Unit

mg/kg

### MDL

1.0

### 022

ND

### Comment

PASS

### Notes :

The maximum permissible limits are quoted from requirement as stated by settlement by Anthony Ferreiro vs Superior Communications Inc.; Wal-Mart Stores Inc.

The reference limit applied in testing is based on particular California Proposition 65 settlements that are most similar to the tested product in the opinion of the lab. The testing in this report does not reflect a user's actual exposure to the tested chemical.

A manufacturer or retailer that is not named in the referenced settlement is not bound by that settlement, and may choose to comply with California Proposition 65 by clearly informing the consumer of potential exposure.

## US California Proposition 65 -Total Lead Content (Polymeric materials other than PVC not in prolonged contact with skin)

Test Method : With reference to CPSC-CH-E1002-08.3, Analysis was performed by ICP-OES.

### Test Item(s)

Lead (Pb)

### Limit

100

### Unit

mg/kg

### MDL

20

### 023

ND

### Comment

PASS

### Test Item(s)

Lead (Pb)

### Limit

100

### Unit

mg/kg

### MDL

20

### 024

ND

### Comment

PASS

### Notes :

The limit of Lead (Pb) is referenced to the requirement as stated in County of San Francisco Superior Court, CGC-09-489839 and County of Santa Clara Court, 110 CV 172362.

The reference limit applied in testing is based on particular California Proposition 65 settlements that are most similar to the tested product in the opinion of the lab. The testing in this report does not reflect a user's actual exposure to the tested chemical.

A manufacturer or retailer that is not named in the referenced settlement is not bound by that settlement, and may choose to comply with California Proposition 65 by clearly informing the consumer of potential exposure.

Composite test has been performed in equal proportion for the components/material per client requested. And the result is calculated using the minimum sample weight.

## US California Proposition 65 -Phthalate Content (Polymeric materials other than PVC)

Test Method : With reference to CPSC-CH-C1001-09.4. Analysis was performed by GC-MS.



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## Test Report

No. SZXEC2001692304

Date: 29 Jul 2020

Page 4 of 11

<u>Test Item(s)</u>	<u>CAS NO.</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>023</u>
Dibutyl Phthalate (DBP)	84-74-2	1000	mg/kg	50	ND
Benzylbutyl Phthalate (BBP)	85-68-7	1000	mg/kg	50	ND
Di(2-ethylhexyl)phthalate (DEHP)	117-81-7	1000	mg/kg	50	ND
Diisononyl Phthalate (DINP)	28553-12-0/ 68515-48-0	1000	mg/kg	50	ND
Diisodecyl Phthalate (DIDP)	26761-40-0/ 68515-49-1	1000	mg/kg	50	ND
Di-n-hexyl Phthalate (DnHP)	84-75-3	1000	mg/kg	50	ND
<b>Comment</b>	<b>PASS</b>				

<u>Test Item(s)</u>	<u>CAS NO.</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>024</u>
Dibutyl Phthalate (DBP)	84-74-2	1000	mg/kg	50	ND
Benzylbutyl Phthalate (BBP)	85-68-7	1000	mg/kg	50	ND
Di(2-ethylhexyl)phthalate (DEHP)	117-81-7	1000	mg/kg	50	ND
Diisononyl Phthalate (DINP)	28553-12-0/ 68515-48-0	1000	mg/kg	50	ND
Diisodecyl Phthalate (DIDP)	26761-40-0/ 68515-49-1	1000	mg/kg	50	ND
Di-n-hexyl Phthalate (DnHP)	84-75-3	1000	mg/kg	50	ND
<b>Comment</b>	<b>PASS</b>				

### Notes :

The limit is referenced to the requirement as stated in County of Marin Court, CIV 091146 and County of San Francisco Superior Court, CGC-07-465288 and in the County of Santa Clara Superior Court, 114CV267501.

The reference limit applied in testing is based on particular California Proposition 65 settlements that are most similar to the tested product in the opinion of the lab. The testing in this report does not reflect a user's actual exposure to the tested chemical.

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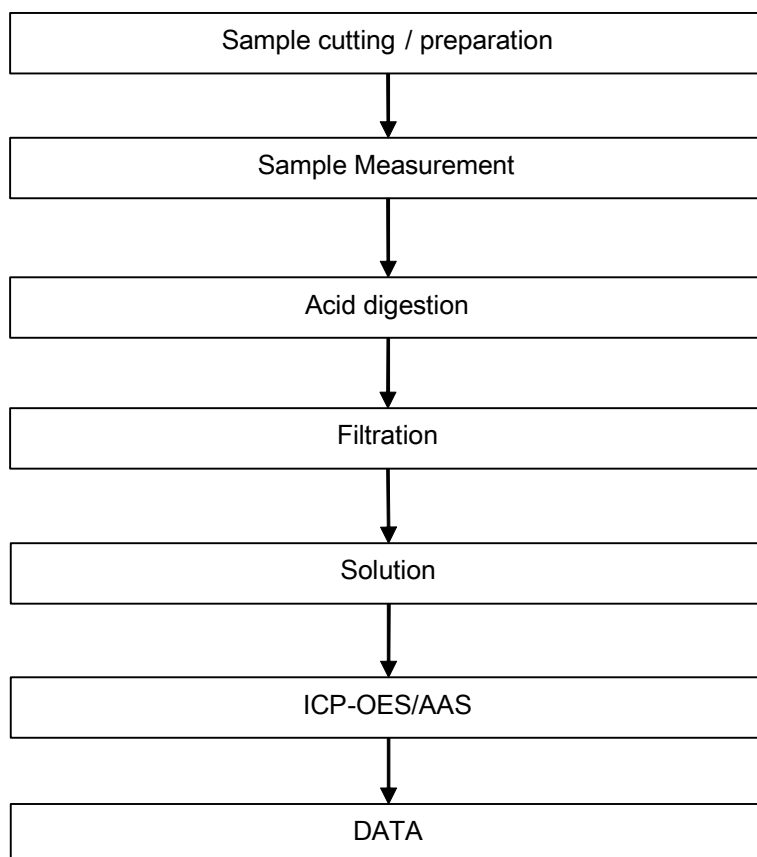
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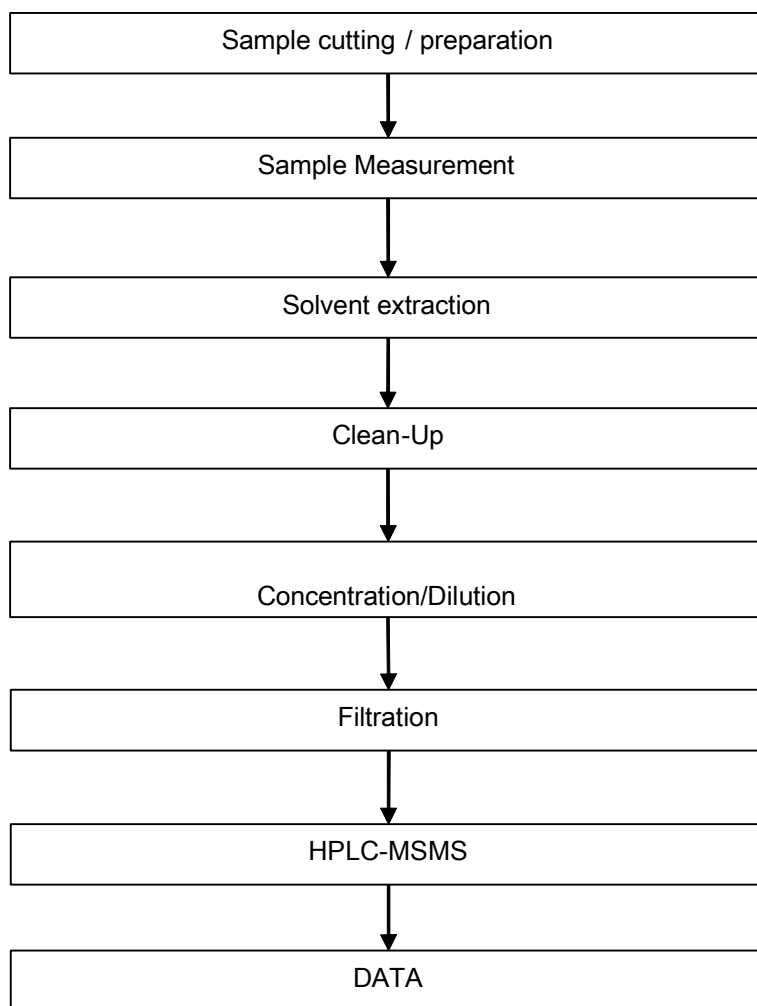
### Elementary Testing Flow Chart





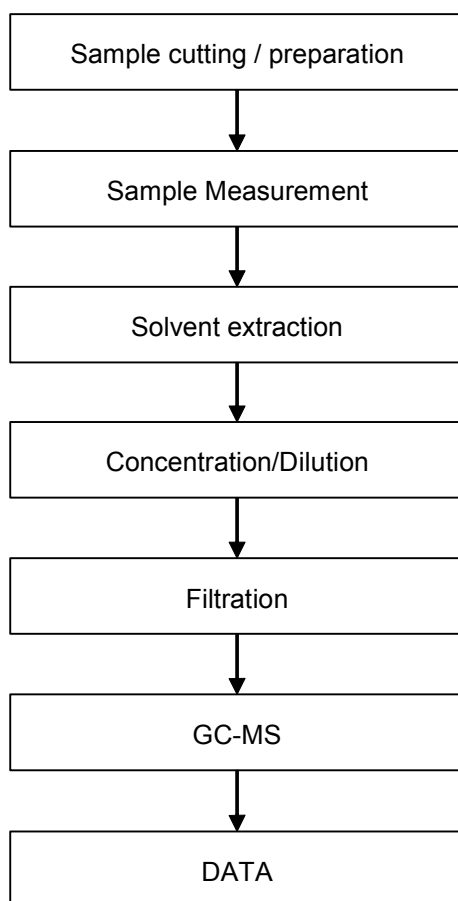
## ATTACHMENTS

### BPA Testing Flow Chart



## ATTACHMENTS

### Phthalates Testing Flow Chart



## Test Report

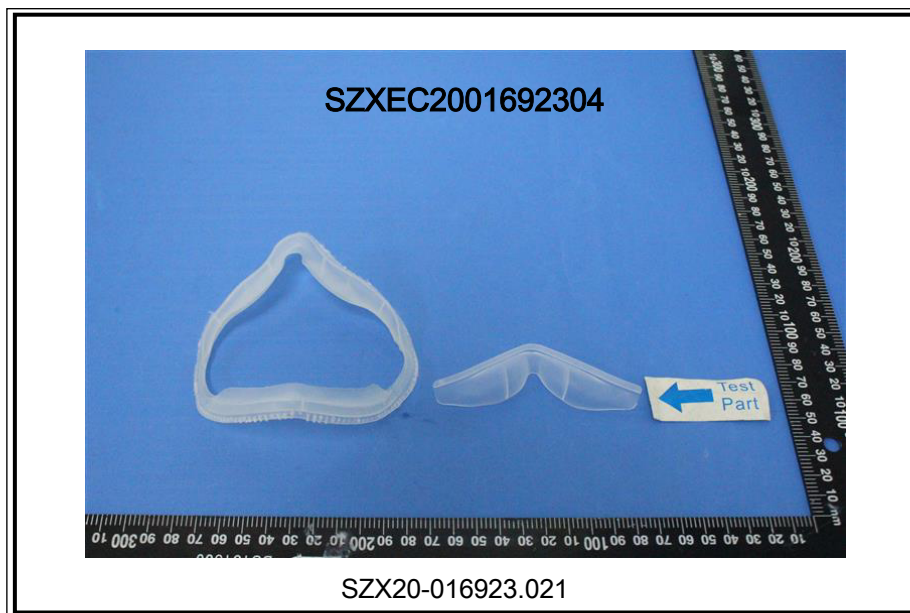
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Page 8 of 11

Sample photo:











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Anne Schopfer

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Datum / *Date*  
27. Juli 2017

---

## Bericht Nr. / *Report No.* **17.8.5.0440**

---

**Auftraggeber:** siehe Anschrift  
*Client:* see address

**Prüfgegenstand:** siehe Seite 2  
*Test sample:* see page 2

**Auftragsdatum:** 24.07.2017  
*Date of order:*

**Eingang Prüfgegenstand:** 24.07.2017  
*Receipt of test samples:*

**Prüfzeitraum:** 25.07.2017 bis / to 27.07.2017  
*Period of testing:*

**Probenahme:** Der Prüfgegenstand wurde uns vom Auftraggeber übersandt.  
*Sampling:* The test sample has been delivered to us by the client.

Der Bericht umfasst 4 Seiten. / *The report comprises 4 pages.*

## UNTERSUCHUNGSZIEL / AIM OF TEST

Wirkungsbezogene Untersuchung der Zellvitalität zum Ausschluss eines zellschädigenden Potenzials des Prüfgegenstands.

*Effect-based test of cell vitality for the exclusion of a cell damaging potential of the test sample.*

## PRÜFGEGENSTAND / TEST SAMPLES

Probennr. / Sample No.	Prüfgegenstand / Test sample
17.8.5.0440	AIRPOP Disposable Anti-Pollution MASK

## METHODE / METHODS

### PRÜFGRUNDLAGE

AW-QM-11.08.03.059: 2015-01<sup>A</sup>  
Prüfung auf Hautverträglichkeit

**Zelllinie**  
L 929 Fibroblasten-Zellen

**Kulturmedium**  
DMEM mit 10 % FCS

**Extraktionsverfahren**  
Inkubation des Prüfgegenstands mit saurer Schweißlösung nach Norm DIN EN ISO 105-E04 für mindestens 4 Std. unter leichtem Schütteln bei 37 °C; der Original-Schweißextrakt wird auf pH 7,3 - 7,4 eingestellt und sterilfiltriert.

**Inkubation der Zellkultur**  
24 Std. mit Original-Schweißextrakt in  
2 Verdünnungsstufen: 80% und 40%.

**Auswertung**  
Nach Inkubation der Zellen wird die Formazanbildung mittels MTT-Test als Maß für die Vitalität gemessen und mit den Kontrollen verglichen.

**Kontrollen**  
Lösungsmittelkontrolle: Schweißlösung (pH 7,3 - 7,4)  
Positivkontrolle: 12 % DMSO in Schweißlösung  
Negativkontrolle: Kulturmedium

### BERECHNUNGSGRUNDLAGE

Die Berechnung der prozentualen Vitalität erfolgt nach folgender Formel:

$$\% \text{ Vitalität/vitality} = 100 \times \frac{(\text{OD}_{570\text{nm}} \text{ Probe/sample}) - (\text{OD}_{570\text{nm}} \text{ Leerwert/blank})}{(\text{OD}_{570\text{nm}} \text{ Kontrolle/control}) - (\text{OD}_{570\text{nm}} \text{ Leerwert/blank})}$$

### TEST SPECIFICATION

AW-QM-11.08.03.059: 2015-01<sup>A</sup>  
*Skin Compatibility Test*

**Cell line**  
*L 929 fibroblast cells*

**Culture medium**  
*DMEM with 10 % FBS*

**Extraction process**  
*Incubation of test sample with an acid perspiration solution according to DIN EN ISO 105-E04 for not less than 4 hours with slight shaking at 37 °C; the original perspiration extract is adjusted to pH 7.3 to 7.4 and sterilised by filtration.*

**Incubation of cell culture**  
*24 hours with original perspiration extract in  
2 dilutions: 80% and 40%.*

**Evaluation**  
*After incubation of the cells, the Formazan amount is measured by MTT-test as parameter for vitality and compared with the controls.*

**Controls**  
*Solvent control: Perspiration solution (pH 7.3 to 7.4)  
Positive control: 12 % DMSO in perspiration solution  
Negative control: Culture medium*

### CALCULATION

*The calculation of vitality in percentage terms is:*



## ERGEBNIS / RESULT

### Kontrollen / controls:

	Vitalität / vitality in %
Positivkontrolle / <i>positive control</i> :	0
Negativkontrolle / <i>negative control</i> :	100
Lösungsmittelkontrolle / <i>solvent control</i> :	100

### Prüfgegenstand / test sample:

	Verdünnungsstufe / dilution	Vitalität / vitality in %	Limit
17.8.5.0440	80%	100	≥ 70%
	40%	100	

Versuchsdurchführung: hec, nka

Test performance: hec, nka

### ■ Probe / Sample 17.8.5.0440

Die ermittelte Vitalität von über 70 % im Vergleich zur Lösungsmittelkontrolle zeigt, dass die Probe **nicht toxisch** für Zellen ist.

*The detected vitality of more than 70 % in comparison to the solvent control shows, that the sample is **non-toxic** for cells.*

## ZUSAMMENFASSUNG / CONCLUSION

### BEURTEILUNGSKRITERIEN

Die Verträglichkeit eines Materials ist dann gegeben, wenn die Vitalität der Zellen **über 70 %** im Vergleich zur Lösungsmittelkontrolle beträgt.

### ASSESSMENT CRITERIA

The compatibility of a material is given, if the vitality of the cells is more **than 70 %** in comparison to the solvent control.

### BEURTEILUNG

#### ■ Probe / Sample 17.8.5.0440

Die Verträglichkeit des Prüfgegenstands für Zellen ist gegeben. Das Produkt kann als **hautfreundlich** beworben werden.

### ASSESSMENT

The compatibility of the test sample for cells is given. The product can be promoted as **skin friendly**.

Schloss Hohenstein, 27. Juli 2017

CEO



Dr. Timo Hammer



Product Manager  
Material Performance  
William-Küster-Institut  
for Hygiene, Environment & Medicine



Nadja Berner-Dannenmann

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## Air Quality Index (AQI) Values

When the AQI is in the range, it means:

AIRPOP recommended effective usage hours

<b>0 - 50</b>	The air condition is considered satisfactory, and air pollution poses little or no risk.	Up to 40 hours
<b>51 - 100</b>	The air condition is acceptable; however, for some pollutants there may be a moderate health concern for a very small number of people who are unusually sensitive to air pollution.	Up to 40 hours
<b>101 - 150</b>	Members of sensitive groups may experience health effects. The general public is not likely to be affected.	Up to 40 hours
<b>151 - 200</b>	Everyone may begin to experience health effects; members of sensitive groups may experience more serious health effects.	Up to 30 hours
<b>201 - 300</b>	Health alert: everyone may experience more serious health effects.	Up to 15 hours
<b>301 - 500</b>	Health warnings of emergency conditions. The entire population is more likely to be affected.	Up to 15 hours

\*Effective Life Expectance is defined here to mean minimum duration of filter performance in its appropriate context-of-use. To determine the effective minimum lifespan as  $\geq 40$  Hours in a consumer setting, following test conditions are met:

1. Use a constant air flow @85L/min loaded with NaCl aerosol @200+/- 5mg to blow through the DUT mask / filter (see Table – 1);
2. Constant measurement at an interval of 77 seconds for two key indicative parameters:
  - filtration efficiency no less than 99.3%
  - inhale pressure drop no more than 175pa

Provided the measurements are within the parameters for NIOSH N95 and GB2626-2006 standards as per slide 6, the mask is considered performing to the required filtration and pressure drop standards. Other mask brands may quote alternative rates and calculation methods.

MEDIA LOT NO		P Delta	P Delta	P Delta	P Delta	P Delta		Penetration	Penetration	Penetration	Penetration	Penetration
FLOW RATE 85LPM NaCl 200±5mg	NIOSH	10.5	19.4	53.9	119.4	151.5		0.495	0.567	0.303	0.219	0.061
LOADING 118 minutes		10.9	20.4	57.6	120.7	151.5		0.537	0.553	0.293	0.202	0.058
Temperature(37.82°C-38.54°C)		11.1	21.1	61.1	121.7	151.5		0.575	0.546	0.283	0.191	0.052
Humidity(84.6%-85.3%)		11.4	22.1	64.1	122.6	151.6		0.599	0.537	0.276	0.181	0.050
Total Test Duration: 25 Hours (08.08 14:30 - 08.09 15:30)		11.8	23.2	68.1	123.4	151.7		0.623	0.527	0.269	0.175	0.043
Normal Temperature : 1Hour(08/09 15:30-08/09 16:30)		12.1	24.4	71.0	124.1	151.8		0.645	0.512	0.266	0.169	0.041
Filter Media		12.5	25.6	74.7	128.0	151.8		0.669	0.500	0.260	0.150	0.037
CN95-38-323-3		12.9	27.1	78.4	132.4	152.2		0.682	0.488	0.255	0.139	0.033
"		13.2	28.5	85.0	134.4	152.2		0.697	0.472	0.254	0.130	0.031
Weight Filter Before:9.435g		13.5	29.8	85.2	136.1	152.4		0.693	0.454	0.246	0.122	0.025
Weight Filter After:9.633g		14.0	31.9	88.2	138.8	152.4		0.694	0.445	0.242	0.116	0.024
"		14.7	34.0	92.3	139.7	152.4		0.685	0.426	0.237	0.110	0.019
"		15.0	36.2	95.8	143.2	152.4		0.668	0.409	0.237	0.101	0.018
"		15.6	38.0	99.3	146.5	152.4		0.659	0.383	0.233	0.094	0.018
"		16.0	40.6	102.9	148.2	152.6		0.644	0.364	0.227	0.082	0.017
"		16.7	43.1	106.3	150.1	152.6		0.628	0.340	0.225	0.077	0.017
"		17.3	45.4	109.4	150.8			0.595	0.330	0.224	0.072	
"		17.9	48.3	113.3	151.2			0.582	0.320	0.223	0.071	
"		18.6	51.3	116.1	151.3			0.576	0.313	0.222	0.066	

Table 1 – Loading Test w/ P Delta (Pressure Drop) & Filtration Efficiency monitored continuously



# QUALITY MANAGEMENT SYSTEM CERTIFICATE

Certificate No. 00119Q310176R2M/4400

We hereby certify that

**MAKRITE INDUSTRIES INC./DONGGUAN SURE\_ON PLASTIC &  
FIBER PRODUCTS CO.,LTD./DONGGUAN MAKRITE  
INDUSTRIES LTD.**

Unified Social Credit Code: 9144190056665074X0

11F-5, No.79, Sec 1, Xin Tai 5th Road, XiZhi Dist., New Taipei City, Taiwan,R.O.C./ ZhuFo Ling Industrial  
Area,TangXia Town,DongGuan City,GuangDong,China / No.12, GuangYuan Street,168 Industrial Area, ZhuFo  
Ling,TangXia Town,DongGuan City,GuanDong,China

by reason of its

**Quality Management System**

has been awarded this certificate for compliance with the standard

**GB/T 19001-2016 / ISO 9001:2015**

The Quality Management System Applies in the following area:

MAKRITE INDUSTRIES INC: Sales of Personal Protective Equipment(Fiber Mask, Filtering Respirator and Half Face Respirator)  
and Houseware Products(Table Clothes, Placemat, Outdoor Cover, Shower Curtain and Other Related Products).  
DONGGUAN SURE\_ON PLASTIC & FIBER PRODUCTS CO., LTD: Design and Manufacture of the Exported Personal Protective  
Equipment (Fiber Mask, Filtering Respirator and Half Face Respirator).  
DONGGUAN MAKRITE INDUSTRIES CO.LTD.: Design and Manufacture Within The Scope of Qualification of Personal Protective  
Equipment(Fiber Mask, Filtering Respirator and Half Face Respirator), Manufacture of Houseware Products(Table Clothes, Placemat,  
Outdoor Cover, Shower Curtain and Other Related Products).

**Certified since: December 30, 2013 Valid from: December 9, 2019 Valid until: December 29, 2022**

After a surveillance cycle, the certificate is valid only when used together with an Acceptance Notice of Surveillance Audit issued by CQC.

Please access [www.cqc.com.cn](http://www.cqc.com.cn) for checking validity of the certificate.

This certificate and its relevant information can query in the website of Certification and Accreditation Administration of the People's  
Republic of China ( [www.cnca.gov.cn](http://www.cnca.gov.cn)).



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陆梅  
Signed by: Lu Mei



**CHINA QUALITY CERTIFICATION CENTRE**

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