

Semimaschera filtrante antiparticolato QB001. Livello di filtrazione: FFP2 NR (monouso e senza valvola)

Dati tecnici

- Nome commerciale: QB001 - Particulate filtering respirator
- Codice produttore: QB001
- Codice catalogo: Y-QB001
- Fabbricante: Zhejiang Qibu Children products co.,ltd
No.32 Jongbin Road, Youzhu Street, QingTian County, Zhejiang Province, China
- Ente notificato numero 0598 (NB0598): SGS FIMKO OY, Takomotie 8 00380 HELSINKI Finland
- Riferimenti a leggi e norme tecniche (vedere doc. allegati): **marcatura CE 0598, REGOLAMENTO (UE) 2016/425; norma EN 149:2001+A1:2009**
- Classificazione: Dispositivo Protezione Individuale categoria III
- Livello di filtrazione: FFP2 NR (monouso e senza valvola)
- Confezione: Box di cartone stampato da 25 mascherine in 5 bustine sigillate contenenti 5 maschere.
- Misura unica
- Shelf life: 24 mesi
- Smaltimento: codice CER 20.03.01 o CER 15.02.03, secondo le locali Disposizioni di Legge. In caso di rischio di contaminazione biologica attenersi alle più recenti disposizioni in merito.
- Dimensioni: 15.5 x 10.5 cm
- Materiali:
 - Due strati esterni in tessuto non tessuto in Polipropilene (PP)
 - Due strati interni filtranti ottenuti per polverizzazione di polimero fuso (melt blown material)
 - Uno strato interno in cotone termico (fibra sintetica)
 - Clip stringinaso: ferro zincato rivestito in polietilene
 - Elastici in Poliammide e Spandex
 - Non contiene Lattice

Foto 1 - Prodotto dispiegato







Foto 2 – Schema confezione commerciale



MASCHERA FACCIALE FILTRANTE ANTIPARTICOLATO MONOUSO

Mod. QB001 EN 149:2001+A1:2009 FFP2 NR – REGOLAMENTO (UE) 2016/425

+ ISTRUZIONI D'USO

-  1. Tenere gli elastici auricolari con entrambe le mani con il nasello rivolto verso l'alto e i segni verso l'esterno
-  2. Posizionare la maschera sotto il mento, coprendo la bocca e il naso e tirare gli elastici auricolari attorno alle orecchie
-  3. Posizionare la punta delle dita di entrambe le mani sulla parte superiore del nasello in metallo, usando due mani modellare l'area del naso sulla forma del naso spingendo verso il viso mentre si spostano le punte delle dita su entrambi i lati del nasello
-  4. Eseguire un controllo della tenuta. Posizionare entrambe le mani completamente sopra il respiratore ed espirare bruscamente. Fare attenzione a non spostare il respiratore. In caso di perdite d'aria intorno al naso, regolare nuovamente il nasello come descritto al passaggio 3. Se vi sono perdite d'aria attorno al bordo, riposizionare la maschera e gli anelli auricolari per una migliore vestibilità. Ricontrollare la tenuta e ripetere questa procedura fino a quando la maschera non è sigillata correttamente.

+ ATTENZIONE

1. Questo prodotto è rigorosamente monouso e adatto per la protezione dall'inquinamento atmosferico da particelle non oleose nella vita quotidiana.
2. Questo prodotto non può produrre ossigeno o filtrare gas tossici dall'ambiente.
3. Questo prodotto non è progettato per essere utilizzato dai bambini. I bambini dovrebbero indossarlo sotto la supervisione degli adulti.
4. Trasportare il prodotto nell'imballo originale e conservare in ambiente igienico, ventilato e asciutto.

+ SPECIFICHE

Nome del prodotto: Maschera facciale filtrante antiparticolato Modello: QB001

Strato interno / esterno: 100% tessuto non tessuto

Strato accoppiato: tessuto soffiato a due strati

Strato intermedio: cotone termico

Dimensioni: 15,5 X 10,5 cm.

Contenuto: 25 pezzi

Scadenza: 2 anni dal confezionamento riportato sul fondo della confezione

Produttore: Zhejiang Qibu Children products co., Ltd.
No.32 Jongbin Road, Youzhu Street, QingTian County,
Zhejiang Province, China - Tel: 86-578-6558911

Organismo Notificato: SGS FIMKO OY (NB 0596)
Takomatie 8
00380 HELSINKI - Finland

Dichiarazione di Conformità Fabbricante

EU DECLARATION OF CONFORMITY

Manufacturer

Name: Zhejiang Qihai Children products co., Ltd

Address: JiangBin Road 32, YouZhuXin Street QingTian county LiShui City Zhejiang Province China

declares that the new PPE described hereafter

Product name	Type	classification
Particulate filtering respirator	QB001	FFP2 NR

is in conformity with the provisions of regulation (EU) 2016/425 of the European parliament and of the council of 9 March 2016 on Personal protective equipment, and Conformity with the requirements of above regulation is testified by complete adherence to the following technical specifications:

EN 149: 2001+A1:2009

Is identical to the PPE which is the subject of EU type-examination for Regulation (EU) 2016/425 issued by SGS Fimko Oy, Takomatie 8, FI-00380 Helsinki, Finland, Notified Body number: 0598

Is identical to the PPE which is subject to the procedure set out in module C2 of Regulation(EU)2016/425 Personal Protective Equipment under the supervision of the notified body SGS Fimko Oy, Takomatie 8,FI-00380 Helsinki, Finland, Notified Body number:0598

The product(s) of the declaration described above is in conformity with the requirement of following test reports:

Report No. : SL52035261421301TX
SGS SH

Place : Qingtian, Zhejiang
DATE : 07/08/2020



*Valutazione Conformita' REG (UE) 2016/425 e Test Report
EN149:2001+A1:2009*

Seguono n. 13 pagine

Certificate FI20/966357

ZheJiang QiBu Children Products Co., Ltd.

JiangBin Road 32,
YouZhuXin Street,
QingTian County,
LiShui City,
ZheJiang Province,
China.

It is certified that the manufacturer's technical file and the PPE product detailed on
page 2 have been assessed and found to be in accordance with

Regulation (EU) 2016/425 Module B, EU type-examination

This certificate is valid from 12 August 2020 until 12 August 2025
1. Certified since 12 August 2020

Authorised by



FINAS
Finnish Accreditation Service
S003 (EN ISO/IEC 17065)

SGS FIMKO OY, Notified Body 0598
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ZheJiang QiBu Children Products Co., Ltd.

Regulation (EU) 2016/425

Module B, EU type-examination

Issue 1

PPE Product

QIBU (logo) QB001 particle filtering half mask, consisting of a white five layer (polypropylene/hot air cotton) disposable face mask, with nose bridge, and polyamide/spandex ear loops.

It is certified that the manufacturer's technical file and the above mentioned PPE have been assessed and found to meet the applicable Essential Health and Safety Requirements in Annex II of Regulation (EU) 2016/425 Personal Protective Equipment

The following have been applied:

EN 149:2001+A1:2009 (Respiratory protective devices - filtering half masks to protect against particles) device classification: FFP2 NR.

This certificate is issued on the strict condition that appropriate checks on manufactured PPE, as detailed in Article 19 (c) of the Regulation are implemented and maintained while the model is in production

Certification is based on technical file reference:

QB-PM, Rev A0, dated: 07/20/2020.

SGS Reference Number UK/CRS 241509.

This certificate remains the property of SGS Fimko Oy to whom it must be returned on request.



Certificate CN2042254

The management system of

Zhejiang Qibu Children Products Co., Ltd.

No.32 JiangBin Road, Youzhu Street, Qingtian County,
Lishui City, Zhejiang Province, 323900, P.R. China

has been assessed and certified as meeting the requirements of

Regulation (EU) 2016/425

Module C2

For the following activities

Manufacture of QIBU (logo) QB001 particle filtering half mask.
(Note: All products marked CEC598 must have a valid EU type-
examination certificate issued under Module B or a valid EC type-
examination certificate issued under Article 10 of Directive
89/686/EEC.)

This certificate is valid from 5 September 2020
and remains valid subject to satisfactory surveillance audits.
Issue 1. Certified since 5 September 2020

Authorised by

Tom Tom

SGS FIMKO OY, Notified Body 0598

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Test Report

SL52035261421301TX

Date: July 08, 2020

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ZHEJIANG QIBU CHILDREN'S PRODUCTS CO., LTD.
JIANGBIN ROAD 32, YOUZHUXIN STREET QINGTIAN COUNTY LISHUI CITY ZHEJIANG PROVINCE CHINA

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

Sample Description : (A) Particulate filtering respirator

SGS Internal Ref No. : SHHL2006522801MD

Style No. : QB001

Sample Color : (A) WHITE

Manufacturer : ZHEJIANG QIBU CHILDREN'S PRODUCTS CO., LTD.

Country of Origin : China

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

Sample Receiving Date : Jun 24, 2020

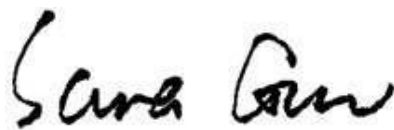
Testing Period : Jun 24, 2020 - Jul 08, 2020

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).

Conclusion:

Sample No.	Recommendation Level
(A)	FFP2 NR

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

Personal Protective Equipment - Respiratory Protective Devices- Filtering Half Masks to Protect against Particles- Requirements, Testing, Marking

EN 149:2001+A1:2009

Clause 7.4 Packaging

(EN 149:2001+A1:2009 Clause 8.2)

Test Requirement	Results	Comment
Particle filtering half masks shall be offered for sale packaged in such a way that they are protected against mechanical damage and contamination before use.	Comply	Pass

Clause 7.5 Material

(EN 149:2001+A1:2009, Clause 8.2 & 8.3.1 & 8.3.2)

Test Requirement	Results	Comment
Materials used shall be suitable to withstand handling and wear over the period for which the particle filtering half mask is designed to be used.	Comply	Pass
After undergoing the conditioning described in 8.3.1 none of the particle filtering half masks shall have suffered mechanical failure of the facepiece or straps.	Comply	
When conditioned in accordance with 8.3.1 and 8.3.2 the particle filtering half mask shall not collapse.	Comply	
Any material from the filter media released by the air flow through the filter shall not constitute a hazard or nuisance for the wearer.	Comply	

Clause 7.6 Cleaning and Disinfecting

(EN 149:2001+A1:2009, Clause 8.4 & 8.5 & 8.11)

Test Requirement	Results	Comment
If the particle filtering half mask is designed to be re-usable, the materials used shall withstand the cleaning and disinfecting agents and procedures to be specified by the manufacturer. With reference to 7.9.2, after cleaning and disinfecting the re-usable particle filtering half mask shall satisfy the penetration requirement of the relevant class.	Not applicable (Not designed to be re-usable)	N.A.

Clause 7.7 Practical Performance

(EN 149:2001+A1:2009, Clause 8.4)

Test Requirement	Results	Comment
The particle filtering half mask shall undergo practical performance tests under realistic conditions. These general tests serve the purpose of checking the equipment for imperfections that cannot be determined by the tests described elsewhere in this standard.	No imperfections	Pass



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Clause 7.8 Finish of Parts

(EN 149:2001+A1:2009, Clause 8.2)

Test Requirement	Results	Comment
Parts of the device likely to come into contact with the wearer shall have no sharp edges or burrs.	No sharp edges or burrs	Pass

Clause 7.9.1 Total Inward Leakage

(EN 149:2001+A1:2009, Clause 8.5)

Test Requirement	Results	Comment
<p>The total inward leakage consists of three components: face seal leakage, exhalation value leakage(if exhalation value fitted) and filter penetration. For particle filtering half masks fitted in accordance with the manufacturer's information, at least 46 out of the 50 individual exercise results (i.e. 10 subjects x 5 exercises) for total inward leakage shall be not greater than: 25% for FFP1, 11% for FFP2, 5% for FFP3</p> <p>and, in addition, at least 8 out of the 10 individual wearer arithmetic means for the total inward leakage shall be not greater than: 22% for FFP1, 8% for FFP2, 2% for FFP3</p>	Detail refer to Appendix 1	Meet FFP1, Meet FFP2

Appendix 1: Summarization of Test Data
Inward Leakage Test Data

Subject	Sample No.	Condition	Walk(%)	Head Side/side(%)	Head up/down(%)	Talk(%)	Walk(%)	Mean(%)
Zhou	1	A.R.	5.91	6.08	6.54	6.19	5.30	6.00
Luo	2	A.R.	8.03	7.14	7.07	5.32	7.91	7.09
Lu	3	A.R.	6.50	5.96	6.24	6.92	4.66	6.06
Wang	4	A.R.	5.53	6.21	5.14	5.19	4.42	5.30
Bao	5	A.R.	5.94	7.98	6.90	8.08	7.55	7.29
Ding	6	T.C.	6.02	6.47	4.30	5.07	5.95	5.56
Li	7	T.C.	7.30	7.56	7.09	7.86	8.02	7.57
Chen	8	T.C.	6.88	5.27	5.44	6.23	4.62	5.69
Song	9	T.C.	4.75	7.13	6.64	7.23	5.93	6.34
Ye	10	T.C.	8.45	7.61	6.92	8.44	6.25	7.53

Facial Dimension(mm)

Subject	Face length	Face Width	Face Depth	Mouth Width
Chen	125	150	120	58
Lu	115	132	107	48
Zhou	115	135	106	52
Li	125	130	107	46
Luo	125	136	100	43
Zheng	128	140	112	55
Wang	120	147	103	48
Song	120	140	100	50
Bao	130	134	104	50
Ding	134	150	110	52



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Liu	120	135	117	50
Ye	126	137	105	52

Clause 7.9.2 Penetration of Filter Material

(EN 149:2001+A1:2009, Clause 8.11 & EN 13274-7:2019)

Test Requirement			Results	Comment
The penetration of the filter of the particle filtering half mask shall meet the requirements of the following table.				
Classifica tion	Maximum penetration of test aerosol			
	Sodium chloride test 95 l/min % max.	Paraffin oil test 95 l/min % max.		
FFP1	20	20		
FFP2	6	6		
FFP3	1	1		

Appendix 2: Summarization of Test Data

Penetration of filter material

Aerosol	Condition	Sample No.	Penetration (%)
Sodium chloride test	As received	1	1.280
		2	1.286
		3	1.279
	Simulated wearing treatment	4	1.293
		5	1.296
		6	1.282
	Mechanical strength +Temperature conditioned	7	1.298
		8	1.364
		9	1.423
Paraffin oil test	As received	10	1.788
		11	1.789
		12	1.796
	Simulated wearing treatment	13	1.695
		14	1.639
		15	1.423
	Mechanical strength +Temperature conditioned	16	2.913
		17	3.126
		18	2.865
Flow conditioning : Single filter: 95.0 L/min			



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Clause 7.10 Compatibility with Skin

(EN 149:2001+A1:2009, Clause 8.4 & 8.5)

Test Requirement	Results	Comment
Materials that may come into contact with the wearer's skin shall not be known to be likely to cause irritation or any other adverse effect to health.	No irritation or any other adverse effect to health	Pass

Clause 7.11 Flammability

(EN 149:2001+A1:2009, Clause 8.6)

Test Requirement	Results	Comment
The material used shall not present a danger for the wearer and shall not be of highly flammable nature When tested, the particle filtering half mask shall not burn or not to continue to burn for more than 5 s after removal from the flame.	Detail refer to Appendix 3	Pass

Appendix 3: Summarization of Test Data
Flammability

Condition	Sample No.	Result
As received	1	NIL
	2	NIL
Temperature conditioned	3	NIL
	4	NIL

Clause 7.12 Carbon Dioxide Content of The Inhalation Air

(EN 149:2001+A1:2009, Clause 8.7)

Test Requirement	Results	Comment
The carbon dioxide content of the inhalation air (dead space) shall not exceed an average of 1,0 % (by volume)	Detail refer to Appendix 4	Pass

Appendix 4: Summarization of Test Data
Carbon Dioxide Content of The Inhalation Air

Condition	Sample No.	Result(%)
As received	1	0.4789
	2	0.4731
	3	0.4746
		Mean value:0.48



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Clause 7.13 Head Harness

(EN 149:2001+A1:2009, Clause 8.4 & 8.5)

Test Requirement	Results	Comment
The head harness shall be designed so that the particle filtering half mask can be donned and removed easily.	Comply	Pass
The head harness shall be adjustable or self-adjusting and shall be sufficiently robust to hold the particle filtering half mask firmly in position and be capable of maintaining total inward leakage requirements for the device.	Comply	

Clause 7.14 Field of Vision

(EN 149:2001+A1:2009, Clause 8.4)

Test Requirement	Results	Comment
The field of vision is acceptable if determined so in practical performance tests.	Comply	Pass

Clause 7.15 Exhalation Valve(s)

(EN 149:2001+A1:2009, Clause 8.2 & 8.9.1 & 8.3.4 & 8.8)

Test Requirement	Results	Comment
(a) A particle filtering half mask may have one or more exhalation valve(s), which shall function correctly in all orientations.	Not applicable due to No exhalation valve	N.A.
(b) If an exhalation valve is provided it shall be protected against or be resistant to dirt and mechanical damage and may be shrouded or may include any other device that may be necessary for the particle filtering half mask to comply with 7.9.	Not applicable due to No exhalation valve	
(c) Exhalation valve(s), if fitted, shall continue to operate correctly after a continuous exhalation flow of 300 l/min over a period of 30 s.	Not applicable due to No exhalation valve	
(d) When the exhalation valve housing is attached to the faceblank, it shall withstand axially a tensile force of 10N applied for 10 s.	Not applicable due to No exhalation valve	



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Clause 7.16 Breathing Resistance

(EN 149:2001+A1:2009, Clause 8.9)

Test Requirement				Results	Comment
The penetration of the filter of the particle filtering half mask shall meet the requirements of the following table.					
Classification	Maximum permitted resistance (mbar)				
	Inhalation		Exhalation		
	30 l/min	95 l/min	160 l/min		
FFP1	0.6	2.1	3.0		
FFP2	0.7	2.4	3.0		
FFP3	1.0	3.0	3.0		

Appendix 5: Summarization of Test Data

Breathing resistance (mbar)

As received	Flow rate(l/min)		1					2					3				
			A	B	C	D	E	A	B	C	D	E	A	B	C	D	E
	Inhalation	30	0.5	0.5	0.4	0.5	0.5	0.4	0.5	0.5	0.4	0.5	0.4	0.5	0.5	0.4	0.5
Simulated wearing treatment	Inhalation	95	1.5	1.6	1.5	1.6	1.6	1.5	1.5	1.6	1.6	1.5	1.6	1.6	1.5	1.6	1.5
		160	2.1	2.2	2.3	2.1	2.2	2.3	2.3	2.2	2.1	2.3	2.2	2.1	2.2	2.3	2.1
	Exhalation	160	2.1	2.2	2.3	2.1	2.2	2.3	2.3	2.2	2.1	2.3	2.2	2.1	2.2	2.3	2.1
Temperature conditioned	Flow rate(l/min)		4					5					6				
			A	B	C	D	E	A	B	C	D	E	A	B	C	D	E
	Inhalation	30	0.5	0.4	0.5	0.5	0.5	0.5	0.5	0.4	0.5	0.5	0.4	0.5	0.5	0.4	0.5
Temperature conditioned	Inhalation	95	1.6	1.5	1.7	1.6	1.5	1.7	1.7	1.6	1.7	1.6	1.5	1.7	1.6	1.7	1.7
		160	2.2	2.1	2.2	2.3	2.3	2.3	2.2	2.1	2.1	2.3	2.2	2.1	2.3	2.2	2.1
	Exhalation	160	2.2	2.1	2.2	2.3	2.3	2.3	2.2	2.1	2.1	2.3	2.2	2.1	2.3	2.2	2.1
Temperature conditioned	Flow rate(l/min)		7					8					9				
			A	B	C	D	E	A	B	C	D	E	A	B	C	D	E
	Inhalation	30	0.5	0.4	0.4	0.4	0.5	0.5	0.5	0.4	0.3	0.5	0.3	0.3	0.5	0.4	0.3
Temperature conditioned	Inhalation	95	1.4	1.5	1.5	1.4	1.5	1.5	1.4	1.4	1.5	1.5	1.4	1.5	1.5	1.4	1.5
		160	2.0	2.2	2.1	2.0	2.1	2.2	2.1	2.2	2.0	2.2	2.2	2.1	2.2	2.1	2.0

A: facing directly ahead; B: facing vertically upwards; C: facing vertically downwards; D: lying on the left side; E: lying on the right side



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Clause 7.17 Clogging

(EN 149:2001+A1:2009, Clause 8.9 & 8.10)

Test Requirement	Results	Comment																			
<p>Clause 7.17.2 Breathing resistance Valved particle filtering half masks: After clogging the inhalation resistances shall not exceed: FFP1: 4 mbar, FFP2: 5 mbar, FFP3: 7 mbar at 95L/min continuous flow The exhalation resistance shall not exceed 3 mbar at 160 L/min continuous flow.</p> <p>Valveless particle filtering half masks: After clogging the inhalation and exhalation resistances shall not exceed: FFP1: 3 mbar, FFP2: 4 mbar, FFP3: 5 mbar at 95L/min continuous flow</p>	Optional for single shift device only	N.A.																			
<p>Clause 7.17.3 Penetration of filter material All types (valved and valveless) of particle filtering half masks claimed to meet the clogging requirement shall also meet the requirements.</p> <table border="1"> <thead> <tr> <th rowspan="3">Classification n</th><th colspan="2">Maximum penetration of test aerosol</th></tr> <tr> <th>Sodium chloride test 95 l/min</th><th>Paraffin oil test 95 l/min</th></tr> <tr> <th>%</th><th>%</th></tr> </thead> <tbody> <tr> <td></td><td>max.</td><td>max.</td></tr> <tr> <td>FFP1</td><td>20</td><td>20</td></tr> <tr> <td>FFP2</td><td>6</td><td>6</td></tr> <tr> <td>FFP3</td><td>1</td><td>1</td></tr> </tbody> </table>	Classification n	Maximum penetration of test aerosol		Sodium chloride test 95 l/min	Paraffin oil test 95 l/min	%	%		max.	max.	FFP1	20	20	FFP2	6	6	FFP3	1	1	Optional for single shift device only	N.A.
Classification n		Maximum penetration of test aerosol																			
		Sodium chloride test 95 l/min	Paraffin oil test 95 l/min																		
	%	%																			
	max.	max.																			
FFP1	20	20																			
FFP2	6	6																			
FFP3	1	1																			

Clause 7.18 Demountable Parts

(EN 149:2001+A1:2009, Clause 8.2)

Test Requirement	Results	Comment
All demountable parts (if fitted) shall be readily connected and secured, where possible by hand	No demountable parts	N.A.

Test	Uncertainty
Total inward leakage	3.4%
Penetration of filter material	4.8%
Carbon dioxide content of the inhalation air	3.9%
Breathing resistance (30L/min)	5.9%
Breathing resistance (95L/min)	4.9%
Breathing resistance (160L/min)	4.3%



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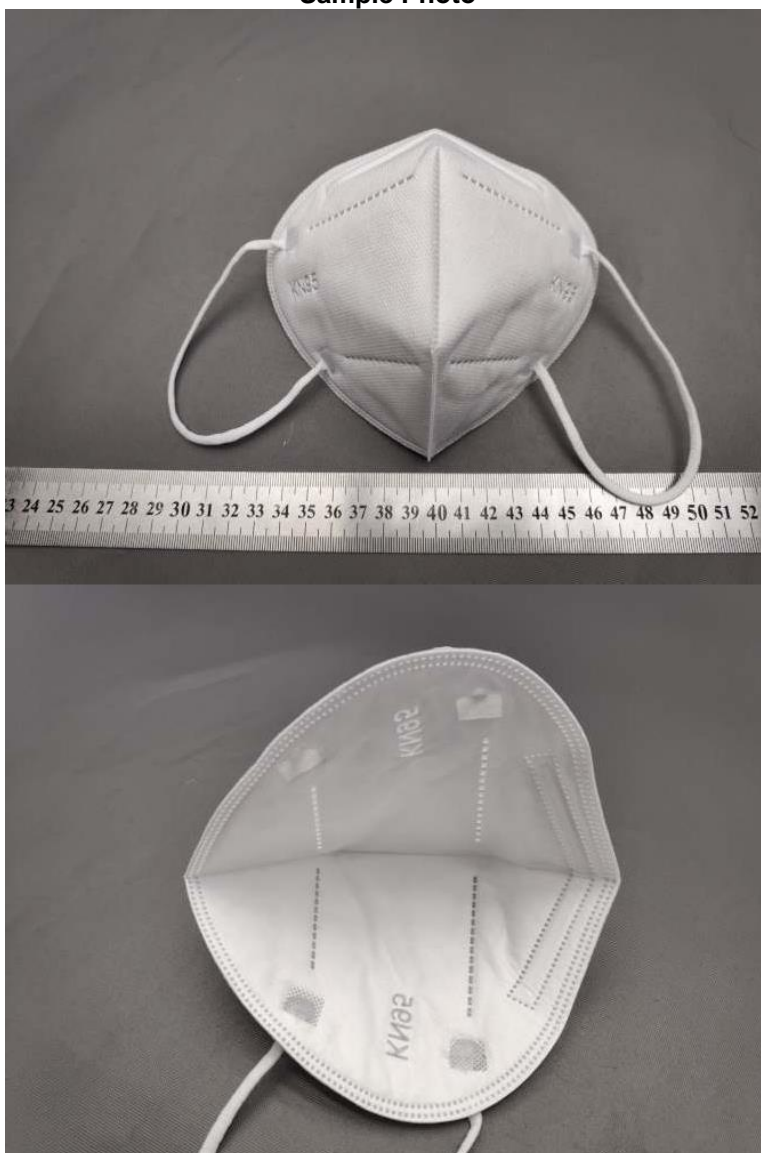
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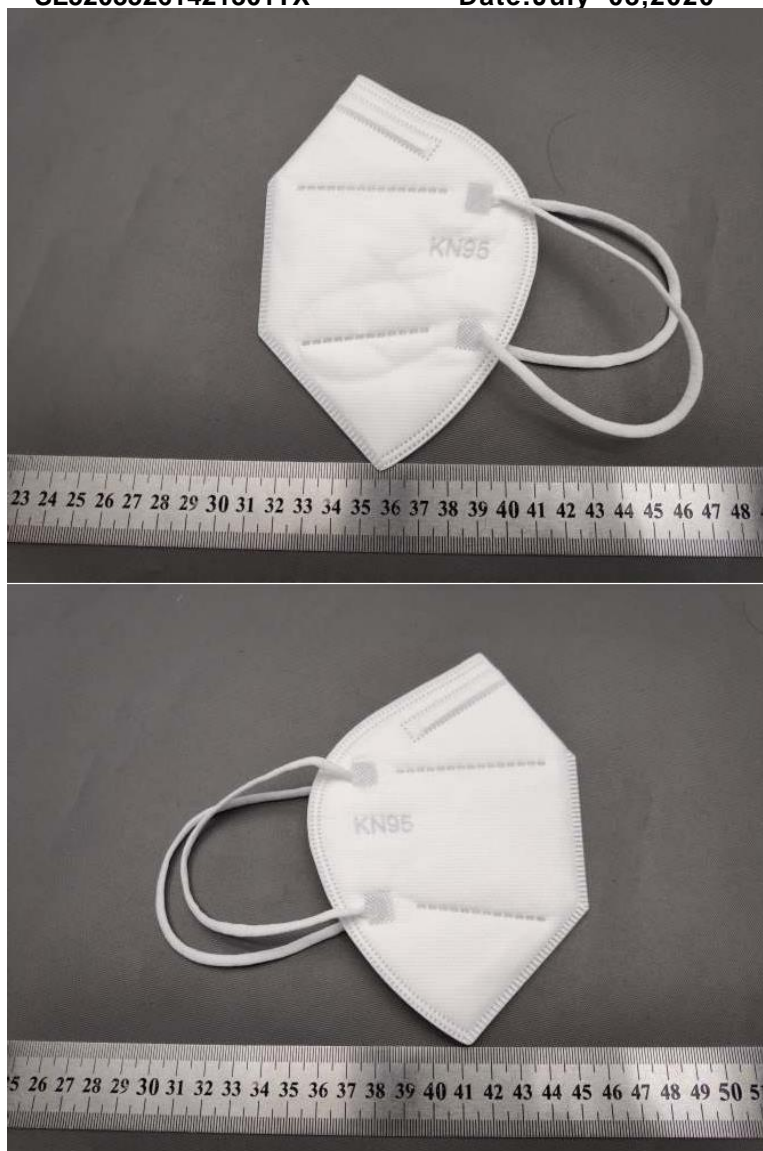
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End of Report



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