EU DECLARATION OF CONFORMITY

We Manufacturer: Careable Biotechnology Co.,Ltd
Address: Building O, 3rd Hongxin Road, Jiangmen City, Guangdong, 529000 China

Declare that the product detailed below: Filtering half Mask
Model:CARE0961K
Trade mark ： Careable Biotechnology Co.,Ltd
Batch No.:
Class：FFP2 NR

Satisfies the requirement of the Council Directives:
2016/425/EU
Essential health and safety requirements Guaranteed

and conforms with the norms: EN 149: 2001+A1: 2009

Module B
NOTIFIED BODY: AENOR INTERNACIONAL
NUMBER: 1463
EU TYPE EXAMINATION CERTIFICATE ISSUED:CW/PPER/46/12/2020

Manufacturing plant surveillance through Module D:
NOTIFIED BODY: AENOR INTERNACIONAL
NUMBER: 0099
EU TYPE EXAMINATION CERTIFICATE ISSUED: X

Signed for and on behalf of：Careable Biotechnology Co.,Ltd

Place and date of issue: Building O, 3rd Hongxin Road, Jiangmen City, Guangdong, 529000 China
Name： James jing
Function： CEO
Signature:

AC 114

CERTYFIKAT BADANIA TYPU UE (MODUŁ B)
EU TYPE-EXAMINATION CERTIFICATE (MODULE B)

Nr *No.* CW/PPER/46/12/2020 Rew. 2 *Rev. 2*

ZAŚWIADCZA SIĘ,
że Polski Rejestr Statków S.A. (PRS) przeprowadził procedurę badania typu wymienionego niżej wyrobu i stwierdził jego zgodność z wymaganiami określonymi w załączniku V do Rozporządzenia Parlamentu Europejskiego i Rady (UE) 2016/425 (PPE) w sprawie środków ochrony indywidualnej oraz uchylenia dyrektywy Rady 89/686/EWG, ze zmianami.

THIS IS TO CERTIFY
that Polski Rejestr Statków S.A. (PRS) did undertake the EU type-examination procedure for the product identified below which was found to be in compliance with the requirements of Annex V to the Regulation (EU) 2016/425 of the European Parliament and of the Council of 9 March 2016 on personal protective equipment and repealing Council Directive 89/686/EEC, as amended.

Wnioskodawca
Applicant

Careable Biotechnology Co., Ltd.

Head office address:
Building O, no. 3, Hongxing road,
Jiangmen City, China.

Producent
Manufacturer

Careable Biotechnology Co., Ltd.

Manufacturer address:
No.167, Gangkou road,
Jiangmen City, China.

Typ wyrobu
Product type

Sprzęt ochrony układu oddechowego. Półmaski filtrujące do ochrony przed cząstkami.
Respiratory protective devices. Filtering half masks to protect against particles.

Opis wyrobu
Product description

Półmaska filtrująca, model: CARE 0961K (klasa FFP2 NR).
Filtering half mask, Model: CARE 0961K (class FFP2 NR).

Zastosowane normy
Specified standards

PN-EN 149+A1:2010
EN 149:2001+A1:2009

Niniejszy certyfikat pozostaje ważny do czasu unieważnienia przy zachowaniu warunków uznania (patrz str. 2).
This certificate remains valid unless cancelled or revoked, provided the approval conditions (see page 2) are complied with.

Data ważności
Expiry date

2025-11-09

NOTIFIED BODY NO 1463

Zastępca Dyrektora Pionu Certyfikacji
Certification Division Deputy Director

Przemysław Gałka

Gdańsk, 2021-03-17

CE

Nr jednostki notyfikowanej
No. of notified body

1463

Polski Rejestr Statków S.A.
al. Gen. Józefa Hallera 126
80-416 Gdańsk, Poland

tel. (+48) (58) 346 17 00
fax (+48) (58) 341 77 69
e-mail: dc@prs.pl
www: http://www.prs.pl/

Wykaz dokumentacji
List of documents

1. Instrukcja użytkowania - zatwierdzona przez PRS S.A. dnia 2020-12-03.
2. Ocena ryzyka - zatwierdzona przez PRS S.A. dnia 2020-12-03.
3. Dokumentacja techniczna „Półmaski filtrującej, model: CARE 0961K" - zatwierdzony przez PRS S.A. dnia 2020-12-03.
4. Dokumentacja techniczna rew. 1 „Półmaski filtrującej, model: CARE 0961K" - zatwierdzona przez PRS S.A. dnia 2021-01-14.
5. Raport z badań nr JKF20034101 wydany przez Zhejiang Academy of Science and Technology for Inspection & Quarantine (Technology Center of Hangzhou Customs District/Zhejiang Lead Product Technical Co., Ltd.) z akredytacją CNAS L0354 z dnia 2020-12-08.
6. Raport z badań nr JKF21007793 wydany przez Zhejiang Academy of Science and Technology for Inspection & Quarantine (Technology Center of Hangzhou Customs District/Zhejiang Lead Product Technical Co., Ltd.) z akredytacją CNAS L0354 z dnia 2021-03-12.
7. Sprawozdanie z przeglądu PRS S.A. nr CW/MoK/PPER/283/2020 z dnia 2020-12-10.
8. Sprawozdanie z przeglądu PRS S.A. nr CW/MoK/PPER/14/2021 z dnia 2021-01-15.
9. Sprawozdanie z przeglądu PRS S.A. nr CW/MoK/PPER/95/2021 z dnia 2021-03-16.

1. Instuction of use - approved by PRS S.A. on 2020-12-03.
2. Risk analysis - approved by PRS S.A. on 2020-12-03.
3. Technical documentation "Filtering half mask, Model: CARE 0961K" - approved by PRS S.A. on 2020-12-03.
4. Rev. 1 technical documentation "Filtering half mask, Model: CARE 0961K" - approved by PRS S.A. on 2021-01-14.
5. Test report No. JKF20034101 issued by Zhejiang Academy of Science and Technology for Inspection & Quarantine (Technology Center of Hangzhou Customs District/Zhejiang Lead Product Technical Co., Ltd.) with CNAS accreditation no. L0354 dated on 2020-12-08.
6. Test report No. JKF21007793 issued by Zhejiang Academy of Science and Technology for Inspection & Quarantine (Technology Center of Hangzhou Customs District/Zhejiang Lead Product Technical Co., Ltd.) with CNAS accreditation no. L0354 dated on 2021-03-12.
7. PRS S.A. Survey Report No. CW/MoK/PPER/283/2020 dated on 2020-12-10.
8. PRS S.A. Survey Report No. CW/MoK/PPER/14/2021 dated on 2021-01-15.
9. PRS S.A. Survey Report No. CW/MoK/PPER/95/2021 dated on 2021-03-16.

Miejsca produkcji
(inne niż podane na stronie 1)
Places of production
(different than given on page 1)

- - -

Ograniczenia uznania
Approval limitations

1. Dane techniczne:
   a) półmaska filtrująca z regulowanym klipsem na nos,
   b) klips na nos montowany wewnątrz półmaski filtrującej,
   c) półmaska filtrująca wykonana z 4 warstwowej włókniny z filtrem z tkaniny,
   d) półmaska filtrująca wyposażona w zauszniki,
   e) półmaska filtrująca bez zaworu,
   f) wymiary: 105 mm ± 5 mm x 120 mm ± 5 mm,
   g) docelowa grupa użytkowa: dzieci powyżej trzeciego roku życia,
   h) kolory:

półmaska filtrująca	zauszniki	klips na nos	zawór
zewnątrz - biała / wenątrz - biała	białe	n / d	n / d
zewnątrz - czarna / wenątrz - biała	czarne	n / d	n / d
zewnątrz - różowa / wenątrz - biała	różowe	n / d	n / d
zewnątrz - fioletowa / wenątrz - biała	różowe	n / d	n / d
zewnątrz - niebieska / wenątrz - biała	niebieske	n / d	n / d
zewnątrz - pomarańczowa / wenątrz - biała	pomarańczowe	n / d	n / d
zewnątrz - różowa z grafiką / wenątrz - biała	różowe	n / d	n / d
zewnątrz - niebieska z grafiką / wenątrz - biała	niebieske	n / d	n / d

2. Półmaska filtrująca przeznaczona do jednorazowego użytku.
3. Dokumentacja techniczna zatwierdzona w języku angielskim.

1. Specifications:
a) filtering half mask with adjustable nose clip,
b) nose clip mounted inside the filtering half mask,
c) filtering half mask made with 4 layers non-woven fabric with melt-blown fabric filter,
d) filtering half mask with ear loops,
e) filtering half mask without valve,
f) size: 105 mm ± 5 mm x 120 mm ± 5 mm,
g) target group: children over the age of three,
h) colors:

filtering half mask	*ear loops*	*nose clip*	*valve*
outside - white / inside - white	*white*	*NA*	*NA*
outside - black / inside - white	*black*	*NA*	*NA*
outside - pink / inside - white	*pink*	*NA*	*NA*
outside - purple / inside - white	*purple*	*NA*	*NA*
outside - blue / inside - white	*blue*	*NA*	*NA*
outside - orange / inside - white	*orange*	*NA*	*NA*
outside - pink with graphics / inside - white	*pink*	*NA*	*NA*
outside - blue with graphics / inside - white	*blue*	*NA*	*NA*

2. Filtering half mask shall not be used for more than one shift.
3. Technical documentation approved in English.

Warunki uznania
Approval conditions

1 Niniejszy certyfikat straci ważność po wprowadzeniu zmian lub modyfikacji w wyrobie bez uprzedniego uzgodnienia z PRS.
This certificate becomes invalid after changes or modifications to the product without prior agreement with PRS.

2 Znak zgodności może być umieszczony na uznanym wyrobie oraz może być wystawiona deklaracja zgodności tylko pod warunkiem, że łącznie z badaniem typu UE zostanie przeprowadzona ocena zgodności produkcji pod nadzorem jednostki notyfikowanej, według załącznika VII lub VIII wymienionego wyżej rozporządzenia.
The Mark of Conformity may only be affixed to the above type approved product and a manufacturer's Declaration of Conformity issued provided the production is assessed under surveillance of a notified body according to Annex VII or VIII of the a/m Regulation.

AENOR

Certificado de Conformidad
Certificate of Conformity

CE
0099

A18/000454

AENOR, como organismo notificado (nº 0099) para el Reglamento (UE) 2016/425, ha emitido este certificado a favor de
In compliance with Regulation (EU) 2016/425, the notified body AENOR (nº 0099) has issued this certificate to

Careable Biotechnology Co., Ltd

Domicilio social / Registered office	Building O, 3rd Hongxin Road, 520000 Jiangmen City, Guangdong, (China)
para aprobar el in order to approve the	Sistema de aseguramiento de la calidad del proceso de producción (módulo D) Quality assurance system of the production process (module D)
conforme con el in compliance with	Reglamento (UE) 2016/425, Anexo VIII Regulation (EU) 2016/425, Annex VIII
Referencias / References	Detalladas en el Anexo al Certificado / Specified in Annex to the Certificate
Centro de producción / Production site	No. 167, Gangkou Road Jiangmen City (China)
Esquema de evaluación Assessment scheme	Este certificado se limita al sistema de aseguramiento de la calidad del proceso de producción para los equipos amparados por los certificados de examen UE de tipo detallados en el anexo a este Certificado y fabricados en el centro indicado más arriba. This certificate is exclusively limited to the quality assurance of the production process for personal protective equipment covered by the EU type-examination certificates detailed in annex to the present certificate and to the above mentioned production site.

Este certificado anula y sustituye al A18/000454, de fecha 2021-05-18
This certificate supersedes A18/000454, dated 2021-05-18

Fecha de emisión / First issued on	2021-05-18
Fecha de modificación / Modified on	2021-05-26
Fecha de expiración / Validity date	2024-05-18

Rafael GARCÍA MEIRO
Director General / CEO

Original Electronic Certificate

AENOR INTERNACIONAL S.A.U.
Génova, 6. 28004 Madrid. España
Tel. 91 432 60 00.- www.aenor.com

Organismo de control acreditado por ENAC con acreditación Nº 1/C-PR354
Control body accredited by ENAC. Accreditation number 1/C-PR354

AENOR

Certificado de Conformidad
Certificate of Conformity

A18/000454

Anexo al Certificado
Annex to Certificate

Protección / Protection	Certificados UE de tipo cubiertos / EU type examination certificates covered	Organismo notificado emisor / Issuing notified body	Fecha Validez / Validity date	Prenda / Garment
RESPIRATORIA / RESPIRATORY	2163-PPE-677	UNIVERSAL CERTIFICATION (2163)	2025-05-12	MASCARILLA / HALF MASK
RESPIRATORIA / RESPIRATORY	CW/PPER/80/09/2020	PRS (1463)	2025-09-15	MASCARILLA / HALF MASK
RESPIRATORIA / RESPIRATORY	CW/PPER/81/09/2020	PRS (1463)	2025-09-15	MASCARILLA / HALF MASK
RESPIRATORIA / RESPIRATORY	CW/PPER/27/11/2020	PRS (1463)	2025-11-09	MASCARILLA / HALF MASK
RESPIRATORIA / RESPIRATORY	CW/PPER/16/11/2020	PRS (1463)	2025-11-04	MASCARILLA / HALF MASK
RESPIRATORIA / RESPIRATORY	CW/PPER/17/11/2020	PRS (1463)	2025-11-05	MASCARILLA / HALF MASK
RESPIRATORIA / RESPIRATORY	CW/PPER/7/11/2020	PRS (1463)	2025-11-02	MASCARILLA / HALF MASK
RESPIRATORIA / RESPIRATORY	CW/PPER/16/12/2020	PRS (1463)	2025-12-03	MASCARILLA / HALF MASK
RESPIRATORIA / RESPIRATORY	CW/PPER/46/11/2020	PRS (1463)	2025-11-17	MASCARILLA / HALF MASK
RESPIRATORIA / RESPIRATORY	CW/PPER/46/12/2020	PRS (1463)	2025-12-10	MASCARILLA / HALF MASK
RESPIRATORIA / RESPIRATORY	CW/PPER/62/10/2020	PRS (1463)	2025-10-28	MASCARILLA / HALF MASK
RESPIRATORIA / RESPIRATORY	CW/PPER/63/10/2020	PRS (1463)	2025-10-28	MASCARILLA / HALF MASK
RESPIRATORIA / RESPIRATORY	CW/PPER/15/11/2020	PRS (1463)	2025-11-04	MASCARILLA / HALF MASK
RESPIRATORIA / RESPIRATORY	CW/PPER/64/10/2020	PRS (1463)	2025-10-28	MASCARILLA / HALF MASK
RESPIRATORIA / RESPIRATORY	CW/PPER/69/11/2020	PRS (1463)	2025-11-26	MASCARILLA / HALF MASK
RESPIRATORIA / RESPIRATORY	CW/PPER/72/11/2020	PRS (1463)	2025-11-26	MASCARILLA / HALF MASK

Fecha de emisión / First issued on 2021-05-18
Fecha de modificación / Modified on 2021-05-26
Fecha de expiración / Validity date 2024-05-18

Original Electronic Certificate

AENOR INTERNACIONAL S.A.U.
Génova, 6. 28004 Madrid. España
Tel. 91 432 60 00.- www.aenor.com

Organismo de control acreditado por ENAC con acreditación Nº 1/C-PR354
Control body accredited by ENAC. Accreditation number 1/C-PR354

AENOR

Certificado de Conformidad
Certificate of Conformity

A18/000454

Anexo al Certificado
Annex to Certificate

Protección / Protection	Certificados UE de tipo cubiertos / EU type examination certificates covered	Organismo notificado emisor / Issuing notified body	Fecha Validez / Validity date	Prenda / Garment
RESPIRATORIA / RESPIRATORY	CW/PPER/74/11/2020	PRS (1463)	2025-11-26	MASCARILLA / HALF MASK
RESPIRATORIA / RESPIRATORY	CW/PPER/75/11/2020	PRS (1463)	2025-11-29	MASCARILLA / HALF MASK
RESPIRATORIA / RESPIRATORY	CW/PPER/79/09/2020	PRS (1463)	2025-09-15	MASCARILLA / HALF MASK
RESPIRATORIA / RESPIRATORY	CW/PPER/73/11/2020	PRS (1463)	2025-11-26	MASCARILLA / HALF MASK

Fecha de emisión / First issued on 2021-05-18
Fecha de modificación / Modified on 2021-05-26
Fecha de expiración / Validity date 2024-05-18

Original Electronic Certificate

AENOR INTERNACIONAL S.A.U.
Génova, 6. 28004 Madrid. España
Tel. 91 432 60 00.- www.aenor.com

TEST REPORT

Report No.: JKF21007793

Internal No.: FL21000144

Applicant : Careable Biotechnology Co., Ltd

Zhejiang Academy of Science and Technology for Inspection and Quarantine

Add: No. 398, Jianshe 3 Road, Xiaoshan District, Hangzhou, Zhejiang, China

Tel: +86 0571 8352 7187/185/193 Website: www.zaiq.org.cn

Report No.：JKF21007793
Report date：2021-03-12

The information are provided by client(applicant):				
Sample Information	Sample Name：	Filtering half mask		
	Style No.：	Care0961K		
	Brand：	FUXIBIO		
Customer Information	Applicant：	Careable Biotechnology Co., Ltd		
	Address：	Building O, no.3, hongxing road, jiangmen city (002)		
	Manufacturer：	Careable Biotechnology Co., Ltd		
	Manufacturer address：	Building O, no.3, hongxing road, jiangmen city (002)		
The information are confirmed by testing organization:				
Test Information	Date of sample received:	2021-03-05	Testing period：	2021-03-05 to 2021-03-12
	Quantity：	70Pieces		
	Sample description：	White mask+ Black mask+ Pink mask+ Blue mask+ Purple mask+ Orange mask+ Pink snowman mask+ Blue ocean mask		
	Basis of judgment：	EN 149:2001+A1:2009 FFP2 NR Respiratory protective devices—Filtering half masks to protect against particles —Requirements, testing, marking		
Test Conclusion	The items tested meet the requirements of EN 149:2001+A1:2009 FFP2 NR			
Test Result	Please refer to next pages.			
Remark	/			

Edit：Mei yunyun

Sign：Xie Weibin

***** End of this page*****

Report No.：JKF21007793
Report date：2021-03-12

Test Results:

Clause 7.5 Material

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

Requirement	Results	Rating
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. 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. When conditioned in accordance with 8.3.1 and 8.3.2 the particle filtering half mask shall not collapse. 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	Pass

Clause 7.6 Cleaning and disinfecting

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

Requirement	Results	Rating
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）

Requirement	Results	Rating
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

Clause 7.8 Finish of parts

（EN 149:2001+A1:2009 Clause 8.2）

Requirement	Results	Rating
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

Report No.：JKF21007793
Report date：2021-03-12

Clause 7.9.1 Total inward leakage

（EN 149:2001+A1:2009 Clause 8.5）

Requirement	Results	Rating
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 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	47 out of the 50 individual exercise≤11% 8 out of the 10 individual wearer arithmetic means ≤8%	Pass

Table 7.9.1-A Inward leakage test data

Subject	Sample No.	Condition	Walk (%)	Head side/side (%)	Head up/down (%)	Talk (%)	Walk (%)	Mean (%)
CQQ	1	As received	4.712	5.027	5.785	9.706	5.333	6.113
WLJ	2		5.740	5.453	5.191	9.922	5.736	6.408
WG	3		6.221	6.336	6.477	10.427	6.185	7.129
ZJH	4		7.066	7.963	6.981	13.743	7.963	8.743
TLB	5		4.633	4.711	6.632	9.063	6.063	6.220
ZMY	6	Temperature conditioned	6.706	5.299	6.437	11.640	6.433	7.303
LJF	7		6.082	6.030	6.341	10.675	6.933	7.212
HML	8		7.067	7.943	7.653	12.640	7.691	8.599
RK	9		5.817	6.028	6.936	9.221	6.553	6.911
ZD	10		4.812	5.185	5.193	9.491	6.220	6.180

Table 7.9.1-B Facial dimensions

Subject	Face Length (mm)	Face Width (mm)	Face Depth (mm)	Mouth Width (mm)
CQQ	136	167	125	65
WLJ	132	159	110	60
WG	120	152	109	57
ZJH	122	150	104	50
TLB	125	152	111	57
ZMY	137	150	120	60
LJF	125	135	90	55
HML	124	130	115	55
RK	112	161	146	50
ZD	116	160	115	55

Report No.：JKF21007793
Report date：2021-03-12

Clause 7.9.2 Penetration of filter material

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

Requirement	Results	Rating
The penetration of the filter of the particle filtering half mask shall meet the requirements of the following table.	Detail refer to Table 7.9.2	Pass

Classification	Sodium chloride test 95 L/min	Paraffin oil test 95 L/min
FFP1	≤20%	≤20%
FFP2	≤6%	≤6%
FFP3	≤1%	≤1%

Table 7.9.2 Penetration of filter material

Aerosol	Condition	Sample No.	Penetration (%)
Sodium chloride test	As received	11	0.004
		12	0.005
		13	0.007
	Simulated wearing treatment	14	0.017
		15	0.009
		16	0.013
	Mechanical strength+ Temperature conditioned	17	0.029
		18	0.041
		19	0.043
Paraffin oil test	As received	20	0.073
		21	0.060
		22	0.065
	Simulated wearing treatment	23	0.712
		24	0.683
		25	0.749
	Mechanical strength+ Temperature conditioned	26	3.321
		27	3.097
		28	3.199
Flow conditioning: single filter: 95.0 L/min			

Clause 7.10 Compatibility with skin

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

Requirement	Results	Rating
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

Report No.：JKF21007793
Report date：2021-03-12

Clause 7.11 Flammability

（EN 149:2001+A1:2009 Clause 8.6）

Requirement	Results	Rating
When tested, the particle filtering half mask shall not burn or not to continue to burn for more than 5s after removal from the flame.	Detail refer to Table 7.11	Pass

Table 7.11 Flammability

Condition	Sample No.	Result
As received	29	Not burn
	30	Not burn
Temperature conditioned	31	Not burn
	32	Not burn

Clause 7.12 Carbon dioxide content of the inhalation air

（EN 149:2001+A1:2009 Clause 8.7）

Requirement	Results	Rating
The carbon dioxide content of the inhalation air (dead space) shall not exceed an average of 1.0 % (by volume).	Detail refer to Table 7.12	Pass

Table 7.12 Carbon dioxide content of the inhalation air

Condition	Sample No.	Result (%)	
As received	33	0.47	Mean value: 0.46
	34	0.45	
	35	0.47	

Clause 7.13 Head harness

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

Requirement	Results	Rating
The head harness shall be designed so that the particle filtering half mask can be donned and removed easily. 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	Pass

Clause 7.14 Field of vision

（EN 149:2001+A1:2009 Clause 8.4）

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

Clause 7.15 Exhalation valve

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

Requirement	Results	Rating
A particle filtering half mask may have one or more exhalation valve(s), which shall function correctly in all orientations. 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. 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. When the exhalation valve housing is attached to the faceblank, it shall withstand axially a tensile force of 10 N applied for 10 s.	Not applicable (No exhalation valve)	N/A

Clause 7.16 Breathing resistance

（EN 149:2001+A1:2009 Clause 8.9

Requirement	Results	Rating
The penetration of the filter of the particle filtering half mask shall meet the requirements of the following table.	Detail refer to Table 7.16	Pass

Classification	Maximum permitted resistance (mbar)		
	Inhalation		Exhalation
	30L/min	95L/min	160L/min
FFP1	0.6	2.1	3.0
FFP2	0.7	2.4	3.0
FFP3	1.0	3.0	3.0

Table 7.16 Breathing resistance (mbar)

Test item	Condition	Sample No.	A	B	C	D	E
Inhalation (30 L/min)	As received	36	0.59	0.60	0.60	0.60	0.59
		37	0..60	0.59	0.60	0.59	0.59
		38	0.60	0.60	0.60	0.60	0.60
	Simulated wearing treatment	39	0.55	0.56	0.56	0.57	0.56
		40	0.56	0.57	0.57	0.56	0.56
		41	0.55	0.56	0.55	0.56	0.56
	Temperature conditioned	42	0.48	0.49	0.49	0.48	0.49
		43	0.47	0.47	0.47	0.47	0.47
		44	0.47	0.48	0.47	0.48	0.48

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Test item	Condition	Sample No.	A	B	C	D	E
Inhalation (95 L/min)	As received	36	2.39	2.37	2.38	2.39	2.38
		37	2.37	2.36	2.37	2.35	2.37
		38	2.37	2.38	2.39	2.37	2.38
	Simulated wearing treatment	39	2.34	2.35	2.37	2.34	2.36
		40	2.35	2.34	2.36	2.34	2.35
		41	2.35	2.35	2.36	2.34	2.34
	Temperature conditioned	42	2.23	2.24	2.26	2.25	2.24
		43	2.19	2.20	2.22	2.21	2.20
		44	2.22	2.20	2.20	2.21	2.22
Exhalation (160 L/min)	As received	36	2.67	2.64	2.66	2.66	2.66
		37	2.65	2.67	2.64	2.65	2.66
		38	2.67	2.65	2.64	2.64	2.67
	Simulated wearing treatment	39	2.58	2.59	2.60	2.59	2.61
		40	2.57	2.58	2.57	2.59	2.60
		41	2.58	2.57	2.58	2.59	2.57
	Temperature conditioned	42	2.34	2.35	2.35	2.33	2.34
		43	2.29	2.28	2.29	2.27	2.29
		44	2.30	2.29	2.31	2.31	2.30

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

Clause 7.17 Clogging

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

Requirement	Results	Rating
7.17.2Breathing resistance: **7.17.2.1 Valved particle filtering half masks** After clogging the inhalation resistances shall not exceed FFP1:4mbar, FFP2:5mbar, FFP3:7mbar at 95 L/min continuous flow; The exhalation resistance shall not exceed 3mbar at 160 L/min continuous flow. **7.17.2.2 Valveless particle filtering half masks** After clogging the inhalation and exhalation resistances shall not exceed FFP1:3mbar, FFP2:4mbar, FFP3:5mbar at 95 L/min continuous flow. **7.17.3Penetration of filter material:** All types (valved and valveless) of particle filtering half masks claimed to meet the clogging requirement shall also meet the requirements given in 7.9.2, for the Penetration test according to EN 13274-7, after the clogging treatment.	Optional for single shift device only	Not required

Clause 7.18 Demountable parts

（EN 149:2001+A1:2009 Clause 8.2）

Requirement	Results	Rating
All demountable parts (if fitted) shall be readily connected and secured, where possible by hand.	Not applicable (No demountable parts)	N/A

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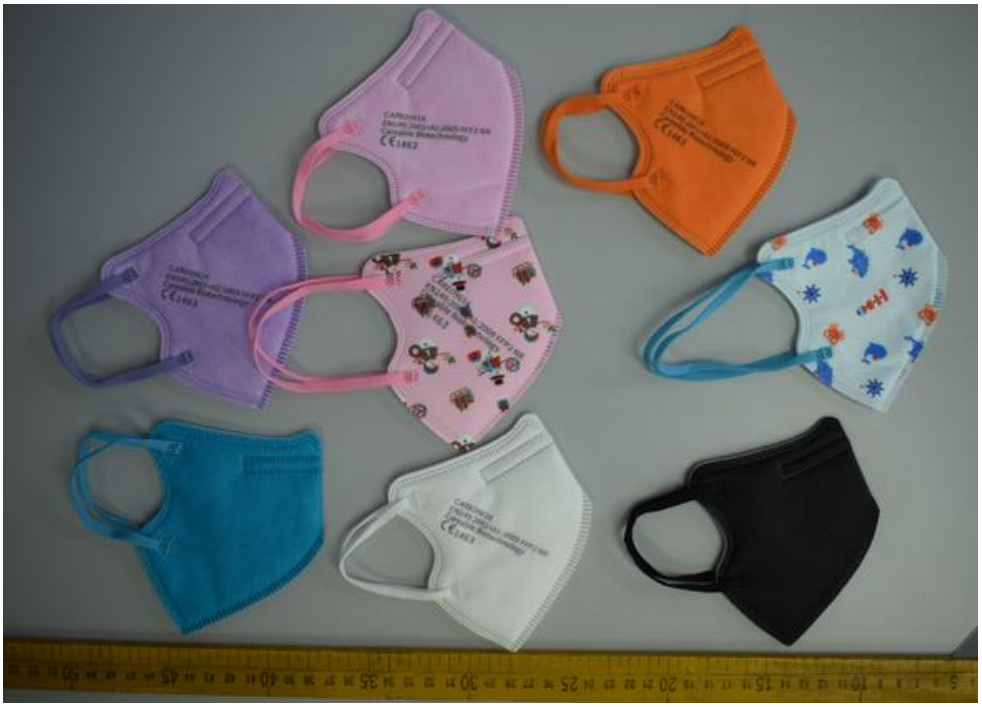
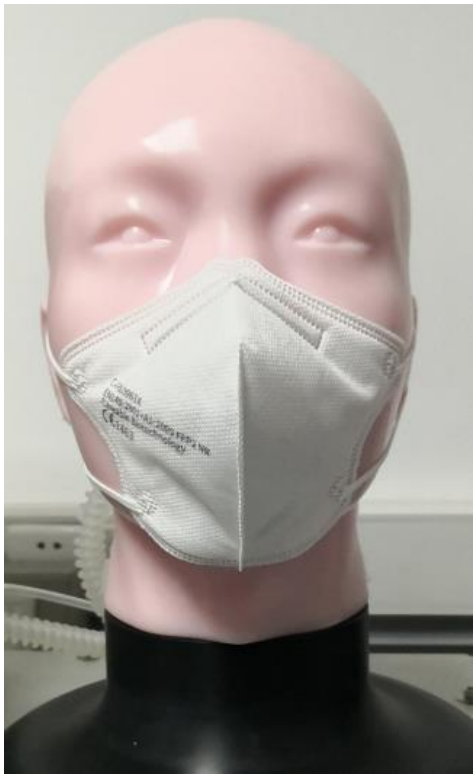
Sample photo





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

STATEMENT

1. Our organization guarantees impartiality, independence and honesty of inspection, and is responsible for the content of report, except for the information provided by the client. The client shall not use the test results for improper publicity without authorization.
2. Our organization shall not be responsible for the authenticity of the information provided by the client, nor shall bear the risks arising in the process of sample delivery. Test result is only responsible for the sample.
3. This report is invalid without the dedicated seal for inspection and testing report and the paging seal.
4. This report is invalid without the signature of the approver (authorized signatory).
5. Test report is invalid if altered.
6. The duplicate report without the "dedicated seal for inspection and testing" of the institution is invalid.
7. Each page of the report is an integral part of the report. Our organization shall not be responsible for any misunderstanding or consequences arising from the improper use of the test report by the user.
8. Without the CMA seal, the report is invalid for social certification.
9. Only test white mask.

Test institute：Zhejiang Academy of Science and Technology for Inspection and Quarantine

Add: No. 398, Jianshe 3 Road, Xiaoshan District, Hangzhou, Zhejiang, China

Tel: +86 0571 8352 7187/185/193

Website: www.zaiq.org.cn