

careable 此文件不支持清**TEST REPORT**。



Report No.: JKF20022835R2

伏羲Careable

Applicant: CareAble Biotechnology Co.,Ltd

Zhejiang Academy of Science and Technology for Inspection and Quarantine

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		1010		LIKAX	
The	informa	tion are provided by client((applicant):	ZIT	/+義Ca
見し	CI .	Sample Name:	Filtering half	mask	e // 3-
S	ample	Style No.:	CARE1988	alegn.	土七杳
Info	ormation	Size:	CARE1988	, 0	士持清人
		Brand:	FUXIBIO	业女件个	、
盖	Ca	Applicant:	CareAble Biot	technology Co.,Ltd	伏载
Cu	stomer	Address:	Building O, n	o.3, hongxing road, j	jiangmen city (002)
Info	ormation	Manufacturer:	CareAble Biot	technology Co.,Ltd	上上语关
F	1/-	Manufacturer address:	Building O, n	o.3, hongxing road, j	jiangmen city (002)
The	informa	tion are confirmed by testin	ng organizatio	n:	14章
伏	羲	Date of sample received:	2020-10-19	Testing period:	2020-10-19 to 2020-10-23
11.0		Quantity:	110 Pieces	-ECare	San.
	Test ormation	Sample description:	White mask	大考定	一士持派
Timo	AH S	Basis of judgment:	Respiratory p	+A1:2009 FFP3 NR rotective devices—F les —Requirements,	Filtering half masks to protect testing, marking
	Test nclusion	The items tested meet the re	equirements of	EN 149:2001+A1:20	009 FFP3 NR
Tes	t Result	Please refer to next pages.	le	is lit	文件不又,
Re	emark	This report (which has modifie report (report number JKF20022			address) is to replace the original al report also void.
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Edit:

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Sign:

Zhao dong

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Test Results:

Clause 7.5 Material

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

		1100
Requirement	Results	Rating
Materials used shall be suitable to withstand handling and wear over the period for	占持消入	
which the particle filtering half mask is designed to be used.	730	- Car
After undergoing the conditioning described in 8.3.1 none of the particle filtering	14. 墓	ECa,
half masks shall have suffered mechanical failure of the facepiece or straps.	Comply	Pass
When conditioned in accordance with 8.3.1 and 8.3.2 the particle filtering half mask	Comply	rass
shall not collapse.	,上连	关旦
Any material from the filter media released by the air flow through the filter shall not	一当特用	
constitute a hazard or nuisance for the wearer.	7	

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	不安持	B
withstand the cleaning and disinfecting agents and procedures to be specified by the	Not applicable	
manufacturer.	(Not designed to	N/A
With reference to 7.9.2, after cleaning and disinfecting the re-usable particle filtering	be re-usable)	1/4
half mask shall satisfy the penetration requirement of the relevant class.	ean	

Clause 7.7 Practical performance

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

		16.50
Requirement	Results	Rating
The particle filtering half mask shall undergo practical performance tests under	ahle	
realistic conditions. These general tests serve the purpose of checking the equipment	No imperfections	Pass
for imperfections that cannot be determined by the tests described elsewhere in this	No imperfections	Pass
standard.	此不	支切

Clause 7.8 Finish of parts

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

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



Clause 7.9.1 Total inward leakage

Report No.: JKF20022835R2 Report date: 2020-11-17

大艺	Report date: 2020-11-17
Clause 7.9.1 Total inward leakage	
(EN 149:2001+A1:2009 Clause 8.5)	心義Carc
Requirement	Results Rating
For particle filtering half masks fitted in accordance with the manufacturer's	47 out of the 50
information, at least 46 out of the 50 individual exercise results (i.e. 10 subject	cts x 5 individual
exercises) for total inward leakage shall be not greater than:	exercise≤5%
25% for FFP1, 11% for FFP2, 5% for FFP3	8 out of the 10 Pass
and, in addition, at least 8 out of the 10 individual wearer arithmetic means fo	or the individual wearer
total inward leakage shall be not greater than:	arithmetic means
22% for FFP1, 8% for FFP2, 2% for FFP3	≤2%

Table 7.9.1-A Inward leakage test data

Tuble 7.5.1 1111W and leakings to be								
Subject	Sample No.	Condition	Walk	Head side/side	Head up/down	Talk	Walk	Mean
X17	i.	abl	(%)	(%)	(%)	(%)	(%)	(%)
TLB	z ra	rear	1.288	1.074	1.126	1.224	1.766	1.296
TY	2		1.284	1.065	1.154	5.362	0.764	1.926
HML	3	As received	0.954	0.988	1.147	1.346	0.687	1.024
LJF	4		0.708	1.124	1.176	2.154	0.587	1.150
CQQ	5		1.524	1.145	1.654	1.789	1.654	1.553
WLJ	6	.03	0.698	0.875	1.547	5.987	2.456	2.312
ZJH	7美(area	0.897	0.756	0.642	1.175	0.689	0.832
RK	8	Temperature	1.623	1.347	1.176	5.988	1.548	2.336
ZD	9	conditioned	0.687	0.578	0.645	1.023	0.668	0.720
WG	10	支持	1.623	1.325	1.524	1.347	1.587	1.481

Table 7.9.1-B Facial dimensions

at the life				
Subject	Face Length (mm)	Face Width (mm)	Face Depth (mm)	Mouth Width (mm)
TLB	125	152	111	57
TY	126	124	95	54
HML	124	130	115	55
LJF	125	135	90	55
CQQ	136	167	125	65
WLJ	132	159	110	60
ZJH	122	150	104	50
RK	112	161	146	50
ZD	116	160	115	55
WG	120	152	109	57



Clause 7.9.2 Penetration of filter material

	23		ECa.	Report date: 2020-11-17	
Clause	7.9.2 Penetration	n of filter material			
(EN 14	49:2001+A1:2009	Clause 8.11 & EN 13274-	7:2019)	心恙C	alc
義(Jane	Requirement	ITO	Results	Rating
The pe	enetration of the f	filter of the particle filtering	half mask shall meet the	E	上 7台
require	ements of the follo	owing table.	· 其Carea.	、主士	查知
七不	Classification	Sodium chloride test	Paraffin oil test	一步特浪人	
7		95 L/min	95 L/min	Detail refer to	Pass
	FFP1	€20%	€20%	Table 7.9.2	€Ca'
件量	FFP2	≪6%	≤6%	110 1/5	
11.	FFP3	≤1%	≤1%	pre	,大脑

Table 7.9.2 Penetration of filter material

Table 7.9.2 Penetration of filter material						
Aerosol	Condition	Sample No.	Penetration (%)			
	eaple	11	0.001			
心義Ca	As received	12	0.001			
17、考2	土土香知	13	0.001			
	Cimulated wearing	14	0.001			
Sodium chloride test	Simulated wearing	15	0.002			
少文计	treatment	16	0.002			
10	Mechanical strength+ Temperature conditioned	17	0.007			
4 義し		18	0.010			
0 1/130		19	0.013			
	As received	20	0.001			
一一一件个		21	0.001			
IFFX	ahle	22	0.001			
1100	Simulated wearing	23	0.002			
Paraffin oil test		24	0.002			
	treatment	25	0.002			
		26	0.017			
小女件	Mechanical strength+ Temperature conditioned	27	0.025			
此人		28	0.027			
	Flow conditioning:	single filter: 95.0	0 L/min			

Clause 7.10 Compatibility with skin

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

_			
	Requirement	Results	Rating
1	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)

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

Table 7.11 Flammability

Condition	Sample No.	Result /
大考文 As massived	29	Not burn
As received	30	Not burn
Townstrates and distance	31	Not burn
Temperature conditioned	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	Detail refer to	酒之
0	average of 1.0 % (by volume).	Table 7.12	Pass

Table 7.12 Carbon dioxide content of the inhalation air

Condition	Sample No.	R	esult (%)
As received	33	0.94	Mean value:
The received	35	0.92	0.9

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	OI -	上挂
donned and removed easily.	从不	文打了
The head harness shall be adjustable or self-adjusting and shall be sufficiently robust	Comply	Pass
to hold the particle filtering half mask firmly in position and be capable of	.67	4
maintaining total inward leakage requirements for the device.	ah	1e

Clause 7.14 Field of vision

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

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



Clause 7.15 Exhalation valve

	Repor	rt date: 2020-11-17	
1	Clause 7.15 Exhalation valve		
	(EN 149:2001+A1:2009 Clause 8.2 & 8.9.1 & 8.3.4 & 8.8)	心恙C	are
	Requirement	Results	Rating
0	A particle filtering half mask may have one or more exhalation valve(s), which shall		× 14:
	function correctly in all orientations.	、主羊	查知
Z I	If an exhalation valve is provided it shall be protected against or be resistant to dirt	占持洞入	
1	and mechanical damage and may be shrouded or may include any other device that	Not applicable	- care
	may be necessary for the particle filtering half mask to comply with 7.9.	(No exhalation	N/A
	Exhalation valve(s), if fitted, shall continue to operate correctly after a continuous	valve)	
	exhalation flow of 300 L/min over a period of 30 s.		一大社会
	When the exhalation valve housing is attached to the faceblank, it shall withstand	,上:圭	 关 鱼 严
4	axially a tensile force of 10 N applied for 10 s.	一士特洞	

Clause 7.16 Breathing resistance

(EN 149:2001+A1:2009 Clause 8.9

ble	17		Requir	rement		raz	Results	Rating
ADIO	The pene	tration of the filte	1.45	害天				
	requirem	ents of the follow	* 不支持	1A				
7			Maximum	permitted resistar	nce (mbar)		+-1-	心美
		Classification	Inhal	ation	Exhalation		Detail refer to	Pass
		1入写X	30L/min	95L/min	160L/min		Table 7.16	1 433
eabl	e	FFP1	0.6	2.1	3.0		ear	. ~=E
Ear		FFP2	0.7	2.4	3.0			诗洞
	it!	FFP3	1.0	3.0	3.0		一此不又	1.2

Table 7.16 Breathing resistance (mbar)

	Table 7	. 10 Breatning	resistance (moar)	_ '		
Test item	Condition	Sample No.	A	В	С	D	E
hle 1		36	0.69	0.69	0.69	0.68	0.69
Dic	As received	37	0.68	0.68	0.69	0.68	0.68
· · · /!	一个人	38	0.68	0.68	0.68	0.67	0.68
Inhalation	Cimavelated vycamina	39	0.68	0.67	0.67	0.68	0.68
(30 L/min)	Simulated wearing treatment	40	0.68	0.69	0.69	0.68	0.69
· · · · · · · · · · · · · · · · · · ·		41	0.70	0.70	0.69	0.70	0.69
able	T 13	42	0.63	0.63	0.63	0.63	0.63
eable	Temperature conditioned	43	0.62	0.62	0.62	0.62	0.62
11.7		44	0.62	0.63	0.63	0.63	0.63







Test item	Condition	Sample No.	A	В	C	D	Е
義しar	L-114	36	2.53	2.52	2.53	2.53	2.54
气气 人	As received	37	2.53	2.52	2.53	2.54	2.52
一七持清	ラブー	38	2.54	2.52	2.53	2.53	2.52
上不又"	G: 1 . 1 . :	39	2.49	2.51	2.50	2.51	2.50
Inhalation	Simulated wearing	40	2.51	2.52	2.49	2.50	2.52
(95 L/min)	treatment	41	2.63	2.62	2.62	2.63	2.63
伏羲 Ca.	Temperature	42	2.16	2.17	2.17	2.17	2.16
1/		43	2.17	2.15	2.17	2.16	2.14
一一古特	conditioned	44	2.16	2.17	2.16	2.17	2.17
工件个人	1.0	36	2.97	2.94	2.96	2.97	2.95
Z I I	As received	37	2.93	2.90	2.92	2.89	2.90
·····································	rear	38	2.90	2.90	2.87	2.92	2.91
伏琴	6: 1, 1 4 7	39	2.90	2.88	2.84	2.87	2.88
Exhalation (1.60 L/min)	Simulated wearing	40	2.83	2.85	2.89	2.90	2.85
(160 L/min)	treatment	41	2.87	2.89	2.91	2.90	2.88
心女件个	T 1510	42	2.79	2.77	2.74	2.79	2.80
	Temperature	43	2.82	2.81	2.79	2.80	2.79
心差C3	conditioned	44	2.77	2.79	2.80	2.82	2.81

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)

	Latter At 4 Hart O' II D'	
Requirement	Results	Rating
7.17.2Breathing resistance:	. 10	17
7.17.2.1 Valved particle filtering half masks	raable	
After clogging the inhalation resistances shall not exceed FFP1:4mbar, FFP2:5mbar,	area	. 1-1
FFP3:7mbar at 95 L/min continuous flow; The exhalation resistance shall not exceed		去特
3mbar at 160 L/min continuous flow.	Not applied blo	71.
7.17.2.2 Valveless particle filtering half masks	Not applicable	NT/A
After clogging the inhalation and exhalation resistances shall not exceed	(Single shift use	N/A
FFP1:3mbar, FFP2:4mbar, FFP3:5mbar at 95 L/min continuous flow.	only)	16
7.17.3Penetration of filter material:	Care	
All types (valved and valveless) of particle filtering half masks claimed to meet the	5	一古
clogging requirement shall also meet the requirements given in 7.9.2, for the	11. 六件	イン
Penetration test according to EN 13274-7, after the clogging treatment.	IF, XIII	

Clause 7.18 Demountable parts

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

areapte	Requirement	Results	Rating
All demountable parts	(if fitted) shall be readily connected and secured, where	Commly	Daga
possible by hand.		Comply	Pass





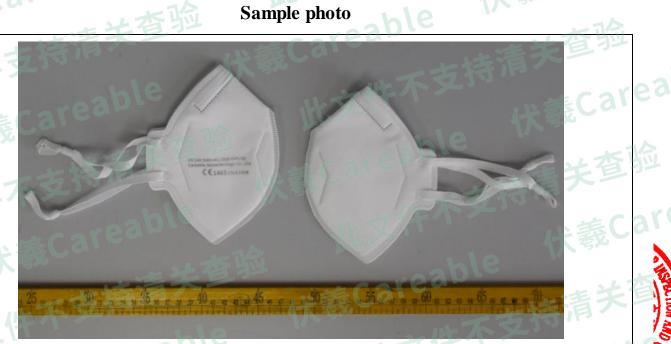
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