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# TEST REPORT :不支持清

Report No.: JKF20022820R1

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Zhejiang Academy of Science and Technology for Inspection and Quarantine Add: No. 398, Jianshe 3 Rhad kaoshan District, Hangzhou, Zhejiang, China Tel: +86 0571 8352 718771857193 Website: www.zaiq.org.cn

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	hle "		11273	<u> </u>
The inform	ation are provided by client	t(applicant):	ZITI	小義Ca
j Ca.	Sample Name:	Filtering half	mask	e War
Sample	Style No.:	CARE1988V	areau.	主七首
Information	Size:	CARE1988V		-士持洞入-
	Brand:	FUXIBIO	1. 女件不	y.
志Ca	Applicant:			伏歌
Customer	Address:	N.		ple
Information	Manufacturer:	小道	ECarer	は清チ
件个>	Manufacturer address:	12.2		-不支持局
The inform	ation are confirmed by test	ing organizatio	n: HXT	14
伏羲	Date of sample received:	2020-10-19	Testing period:	2020-10-19 to 2020-10-27
11	Quantity:	60 Pieces	#Care	ean
Test	Sample description:	White mask	、教し	一士持派
Information	able		+A1:2009 FFP3 NR	
. 15 3	Basis of judgment:			Filtering half masks to protec
- <del>(</del> <b>X</b> <sup>3</sup>	56	against partici	es —Requirements,	testing, marking
Test Conclusion	The items tested meet the r	requirements of	EN 149:2001+A1:20	009 FFP3 NR
Test Result	Please refer to next pages.	ole		文件不文
	N菜Calfa			
Remark	This report (which has modified (report number JKF20022820 i		27), the original report	ess) is to replace the original repor also void.
145	2+11-42	hle		ign:
Edit:	Va vinuante Care		S	ign: Z I
	nt nt 2 Ye yiwen			Zildo dolig
				*** End of this page*



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# **Test Results:**

#### **Clause 7.5 Material**

(EN 149:2001+A1:2009 Clause 8.2 & 8.3.1 & 8.3.2)		大学
Requirement	Results	Rating
Materials used shall be suitable to withstand handling and wear over the period for	;持洞八	
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	小菜	
half masks shall have suffered mechanical failure of the facepiece or straps.		Pass
When conditioned in accordance with 8.3.1 and 8.3.2 the particle filtering half mask	Comply	Pass
shall not collapse.	上生	
Any material from the filter media released by the air flow through the filter shall not	- 士持洞	
constitute a hazard or nuisance for the wearer.	~~~~	

## **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	、大古行		
1	withstand the cleaning and disinfecting agents and procedures to be specified by the	Not applicable		
7	manufacturer.	(Not designed to	N/A	2
	With reference to 7.9.2, after cleaning and disinfecting the re-usable particle filtering	be re-usable)		
1	half mask shall satisfy the penetration requirement of the relevant class.	eave		L

## **Clause 7.7 Practical performance**

ļ	(EN 149:2001+A1:2009 Clause 8.4)		
	Requirement	Results	Rating
	The particle filtering half mask shall undergo practical performance tests under	able	
0	realistic conditions. These general tests serve the purpose of checking the equipment	No imperfections	Pass
0	for imperfections that cannot be determined by the tests described elsewhere in this	ono imperfections	1 855
	standard	in the The	217

## 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	No sharp edges or	Dese
	edges or burrs.	burrs	Pass
b	ILL	IL ZIT	



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# Clause 7.9.1 Total inward leakage

	Rep	ort date: 2020-11-17	
0	Clause 7.9.1 Total inward leakage		
_	(EN 149:2001+A1:2009 Clause 8.5)	心志	are
2	Requirement	Results	Rating
	For particle filtering half masks fitted in accordance with the manufacturer's	48 out of the 50	+14
	information, at least 46 out of the 50 individual exercise results (i.e. 10 subjects x 5	individual	查迎
1	exercises) for total inward leakage shall be not greater than:	exercise≤5%	
N	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 for the	individual wearer	表 Car
	total inward leakage shall be not greater than:	arithmetic means	
	22% for FFP1, 8% for FFP2, 2% for FFP3	≤2%	大瓜
L	Table 7.9.1-A Inward leakage test data	一生	主包担

				Table 7.9.1	-A mwaru leakage	lest uata				
	Subject	Sample No.	Condition	Walk	Head side/side	Head up/down	Talk	Walk	Mean	
14.3	LIA		ahl	@ (%)	(%)	(%)	(%)	(%)	(%)	5
Tro.	TLB	+= 12	rear	0.704	0.988	1.025	0.987	1.032	0.947	C
	TY	2		0.975	0.875	0.774	4.321	0.687	1.526	
ble	HML	3	As received	0.687	0.875	0.845	1.365	0.987	0.952	A
an.	LJF	4	;持泪	1.347	1.443	1.807	6.322	2.176	2.619	E
	CQQ	5		1.035	0.964	1.745	2.155	0.875	1.355	
1	WLJ	6	201	2.687	2.376	2.187	5.968	3.542	3.352	F
	ZJH	7	Townstein	1.268	1.347	1.698	2.687	0.897	1.579	ż
	RK	8	Temperature conditioned	1.987	1.65	1.457	2.641	1.230	1.790	
abl	ZD	9	conditioned	1.311	1.182	1.689	2.589	0.756	1.505	
eabl	WG	10	、五行	1.369	1.587	1.463	2.645	1.547	1.722	2
				Table 7.	9.1-B Facial dimen	nsions				

	and shared being				
	Subject	Face Length (mm)	Face Width (mm)	Face Depth (mm)	Mouth Width (mm)
	TLB	125	152	111	57
	ΤY	126	124	95	54
	HML	124	130	115	55
8	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
	<u>_</u>		エーコアー	40	2165



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## Clause 7.9.2 Penetration of filter material

N 149:2001+A1:2009	Clause 8.11 & EN 13274-7:20	019)			
a Caro	Requirement	TO		Results	Rating
he penetration of the fi	lter of the particle filtering hal	lf mask shall meet tl	neole		+14
equirements of the follo	wing table.	法Cares		一主士	查迎
Classification	Sodium chloride test	Paraffin oil test		ほ洞フ	
	95 L/min	95 L/min	止下义	Detail refer to	Pass
FFP1	≪20%	≤20%		Table 7.9.2	義しる
FFP2	≪6%	$\leqslant$ 6%	1.10		300
FFP3	≤1%	≤1%	able		1.75
一十六	Table 7.9.2 Pe	netration of filter ma	aterial	北洼	天旦
Aerosol	Condition	Sample No.	IL TH	Penetration (%)	
	apre	11,11	5977	0.001	n 誌C
小志Ca	As received	12		0.001	入驾X
大驾心	+ 光 杳 距	13	ah	0.001	
	は酒大	14	arean	0.002	主土
Sodium chloride test	Simulated wearing	15		0.004	洞不
VH1	treatment	16	上北	0.004	
	arean	17	TX.Y	0.011	心意
は熱	Mechanical strength+	18	LU	0.026	1V.2
1/20	Temperature conditioned	19		0.017	
	士持洞人	20	ECare	0.001	小主
十件不	As received	21	0	0.001	行用
WX17	hle	22	1. 2	0.002	
	= Carean	23		0.005	1-1
Paraffin oil test	Simulated wearing	24		0.006	
le Vi	treatment	25	- 601	0.006	
	十古村月?	26	い説しる	0.022	115
小女件	Mechanical strength+	27	340	0.031	七打
此人	Temperature conditioned	28	14	0.029	
	Flow conditionin	ng: single filter: 95.0	) L/min	-	-
1	<b>人 劣x</b>	山本师		areal	10

# Clause 7.10 Compatibility with skin

r	(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	Pass
	incery to cause initiation of any other adverse effect to health.	effect to health	able



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#### **Clause 7.11 Flammability**

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

1	专为	lequirement	able	Results	Rating
	When tested, the particle filtering hal	f mask shall not burn or no	t to continue to burn	Detail refer to	百严
	for more than 5s after removal from t	the flame.		Table 7.11	Pass
1	T' ble	Table 7.11 Flam	mability	230	- Carl
	Condition	Sample No.	6XII -	Result	衰しa
	As received	29	h	Not burn	
	As received	30	careau	Not burn	山杏
	Tomporature conditioned	31	5	Not burn	大
Y.	Temperature conditioned	32	14-7	Not burn	
	Clause 7.12 Carbon dioxide content	of the inhalation air			

#### Clause 7.12 Carbon dioxide content of the inhalation air

上北北福	lequirement	#Care	Results	Rating
The carbon dioxide content of the inhaverage of $1.0$ % (by volume).	nalation air (dead space) sl	nall not exceed an	Detail refer to Table 7.12	Pass
Tabk	e 7.12 Carbon dioxide con	tent of the inhalation	air	
Condition	Sample No.	TO	Result (%)	1V.
2	33	0.88	eapro	
As received	34	0.70	Mean valu	
小山作人又	35	0.84	0.81	
IKX.	eable	16	文件个人	
lause 7.13 Head harness				

#### Clause 7.13 Head harness

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

	Requirement	Results	Rating
2	The head harness shall be designed so that the particle filtering half mask can be		上住
	donned and removed easily.		支打
	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		
	maintaining total inward leakage requirements for the device.	h	le

#### 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 perf	ormance tests. Comply	Pass



	Rep	ort date: 2020-11-17	
Clause	7.15 Exhalation valve		
(EN 14	49:2001+A1:2009 Clause 8.2 & 8.9.1 & 8.3.4 & 8.8)	心志〇	are
. 義(	Requirement	Results	Rating
A part	icle filtering half mask may have one or more exhalation valve(s), which shall		大百合
function	on correctly in all orientations.	小主士	查迎
If an e	exhalation valve is provided it shall be protected against or be resistant to dirt	士持洞入	
and m	echanical damage and may be shrouded or may include any other device that	X.	- carea
may b	e necessary for the particle filtering half mask to comply with 7.9.	Comply	Pass
Exhala	ation valve(s), if fitted, shall continue to operate correctly after a continuous	10 113	~
exhala	tion flow of 300 L/min over a period of 30 s.	E	大瓜
When	the exhalation valve housing is attached to the faceblank, it shall withstand	小连	关鱼胆
axially	a tensile force of 10 N applied for 10 s.	- 士持洞	
			the Car

## Clause 7.16 Breathing resistance

(EN 149:2001+A1:2009 Clause 8.9

1	4. 7	Require	ment			-voi	Re	sults	Rating
-	metration of the firements of the follo	ilter of the particle finous table.	ltering half n	nask	shall meet t	he	L T	下支持	
	Maximum permitted resistance (mbar)					F			
Classification Inhalatio		ion	A	Exhalation	Tr-	Detail	refer to	Pass	
	(大考X)	30L/min	95L/min	11L	160L/min		Tabl	e 7.16	Pass
	FFP1	0.6	2.1		3.0	ECal	ear		
	FFP2	0.7	2.4		3.0	X			
14	FFP3	1.0	3.0		3.0		-112	不又	1.1
Tri		Table	e 7.16 Breath	ning 1	resistance (	mbar)	XII		K.
,	Test item	Condition	Sample	No.	A	В	С	D	Е
6			36	E	0.75	0.75	0.75	0.75	0.75
		As received	37		0.77	0.77	0.76	0.76	0.77
		·XX	38		0.77	0.78	0.78	0.77	0.77
	IKX'	Simulated wearing	39	9	0.74	0.75	0.75	0.73	0.74
		Simulated wearing treatment	40		0.81	0.80	0.80	0.80	0.81
]	Inhalation	ueatment	41	1	0.74	0.75	0.74	0.74	0.75
(	30 L/min)	Tomorenet	42	F	0.69	0.69	0.69	0.69	0.69
		Temperature conditioned	43		0.72	0.72	0.72	0.72	0.71
	いたべ	conditioned	44	. 1	0.69	0.68	0.68	0.69	0.69
	此入	Flow	45	b	0.71	0.71	0.70	0.71	0.71
		Flow	46		0.75	0.75	0.75	0.74	0.74
P		conditioned	47	-	0.76	0.76	0.76	0.76	0.76
are	able	小不	支持	育	大	4-	k羲C	are	ab

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	10 "		-14	トイ			-voi
Test item	Condition	Sample No.	A	В	С	D	E
義しる	-14	36	2.75	2.76	2.77	2.75	2.76
50	As received	37	2.82	2.81	2.81	2.82	2.81
一士持派	37-	38	2.84	2.85	2.83	2.83	2.84
上不又	<u> </u>	39	2.92	2.93	2.94	2.93	2.94
1.	Simulated wearing treatment	40	2.94	2.96	2.94	2.95	2.96
Inhalation	Treatment	41	2.89	2.90	2.92	2.89	2.88
(95 L/min)		42	2.42	2.43	2.42	2.42	2.43
	Temperature conditioned	43	2.59	2.59	2.59	2.60	2.60
ーニキ	conditioned	44	2.52	2.51	2.51	2.52	2.52
5件个义:	Elect.	45	2.78	2.76	2.78	2.77	2.77
ZII	Flow	46	2.81	2.80	2.79	2.79	2.80
美(3	conditioned	47	2.92	2.94	2.92	2.91	2.92
伏教	レム	36	1.64	1.65	1.64	1.64	1.65
1.	As received	37	1.76	1.74	1.77	1.75	1.74
11 73	之行下	38	1.69	1.68	1.70	1.69	1.71
1 女件 1 ~		39	1.67	1.66	1.68	1.67	1.66
57.	Simulated wearing	40	1.76	1.77	1.77	1.76	1.76
Exhalation	treatment	41	1.69	1.68	1.67	1.69	1.68
(160 L/min)	Tomporature	42	1.56	1.57	1.57	1.55	1.57
E	Temperature conditioned	43	1.65	1.64	1.64	1.65	1.65
-1t-7	conditioned	44	1.60	1.61	1.61	1.60	1.60
IL VIT	Elem - b	45	1.59	1.58	1.59	1.59	1.58
TTO-	Flow	46	1.76	1.73	1.74	1.77	1.75
14	Conditioned	47	1.77	1.74	1.76	1.75	1.74

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)	ab	le
The second se	Requireme	ent	

	Requirement	Results	Rating	1
	7.17.2Breathing resistance:	h	le	
	7.17.2.1 Valved particle filtering half masks	Carean		
r	After clogging the inhalation resistances shall not exceed FFP1:4mbar, FFP2:5mbar,	ECar		+==
1	FFP3:7mbar at 95 L/min continuous flow; The exhalation resistance shall not exceed	a la	下五	行
	3mbar at 160 L/min continuous flow.	Not applicable	1.~	
A	7.17.2.2 Valveless particle filtering half masks	(Single shift use	N/A	
32	After clogging the inhalation and exhalation resistances shall not exceed	(Single shift use only)	IN/A	
	FFP1:3mbar, FFP2:4mbar, FFP3:5mbar at 95 L/min continuous flow.	care	an	
	7.17.3Penetration of filter material:	·義しa		-+
-	All types (valved and valveless) of particle filtering half masks claimed to meet the		IL T	五
	clogging requirement shall also meet the requirements given in 7.9.2, for the	业文	171	
×	Penetration test according to EN 13274-7, after the clogging treatment.			
t	carean TEMP	子殿しる	14	

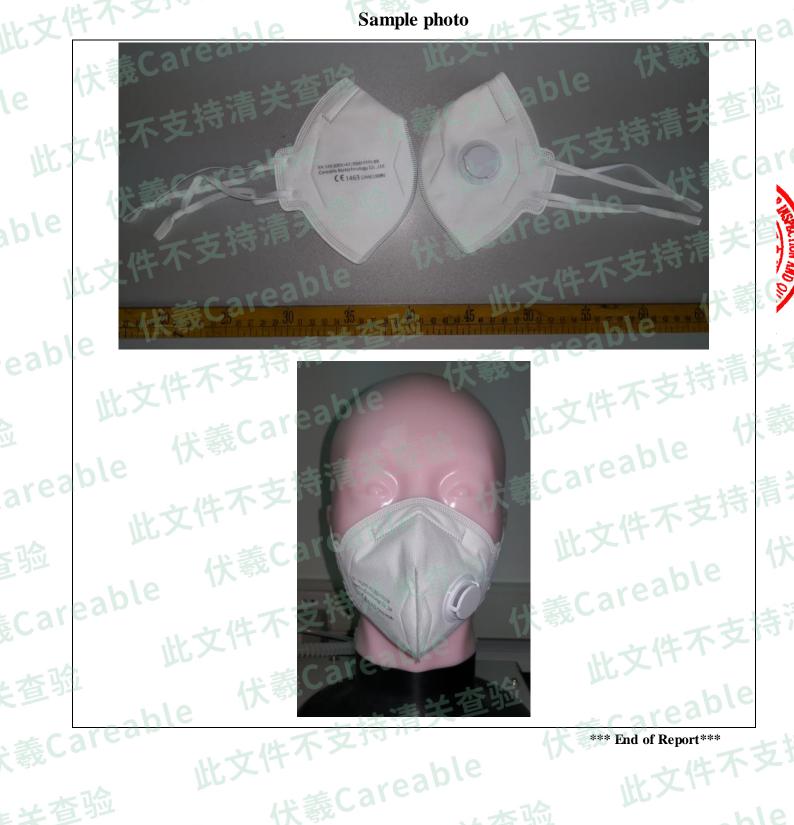


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# **Clause 7.18 Demountable parts**

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Clause 7.18 Demountable parts			
(EN 149:2001+A1:2009 Clause 8	8.2)	小志	Care
ド語Care	Requirement	Results	Rating
All demountable parts (if fitted) a possible by hand.	shall be readily connected and secured, where	Comply	Pass



# 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.

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