







TEST REPORT



GTFWT20221064

产品名称 Product Name

AIRINUM 轻生活系列口罩 纤巧型

委托单位

Airinum AB

Trust Unit

广州市哈雷日用品有限公司

生产单位

委托送样检验

Manufacturer

检验检测类别

Test Category



Test Report

GTFWT20221064

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产品名称	AIRINUM 轻生活系列口罩 纤巧	规格型号 Specification Type	M
Product Name	型	商 标 Trademark	Airinum AB
委托单位 Trust Unit	Airinum AB	电话 Tel	65 5 0
生产单位 Manufacturer	广州市哈雷日用品有限公司	样品等级 Sample Grade	KN90
样品数量 Sample Quantity	70 只	送样日期 Sample Receiving Date	2022-05-16
检验检测类别 Test Category	委托送样检验	批号/货号 Serial Number	-60
样品状态 Samples Conditions	符合检测要求	检验检测日期 Test Date	2022-05-17 ~ 2022-05-27
检验检测及判 定依据 Document and Decide Accordance	GB 2626-2019 《呼吸防护 自吸过滤	《式防颗粒物呼吸器》	发生助护产品
检验检测结论 Test Conclusion	检验检验	则结果见结果页	金发日期: 2022-05-27 SignatuimDate
备 注 Remarks	本报告仅对来样出具的检测结果负责	f, 检测结果及符合性判 	定不考虑测量结果的不确定度。

批准: Approver 陈敏

审 核: Examiner 京京市

编 制: Compiler 上鹏

检验检测结果 Tasting Passults

Testing Results

GTFWT20221064

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序号 Serial	检验检测项目 Test Items	单位 Unit	技术要求 Requirement	检验检测结果 Results	单项评价 Individual Judgment
	基本要求(结构)	88	1)计成2)调罩不象头3)罩不4)的性气便随气呼戴合的应阀件件随部出凹的计成2)调罩不象头3)罩不4)的性质有的凹陷、凹陷、凹陷、凹陷、凹陷、凹陷、凹陷、凹陷、凹陷、凹陷、凹陷、凹陷、凹陷、凹	1)不易产生结构性破损,部件设计、组成和安装未对使用者构成任何危险; 2)头带的设计为弹性材料、可调,便于佩戴和摘除,能将面罩牢固地固定在脸上,且佩戴时未出现明显的压迫和压痛现象; 3)未明显影响视野; 4)随弃式面罩的结构能保证与面部的密合,且在正常使用中不出现变形。	380
	(S)	R	元件)应可清洗;		388

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61°

74%

合 格

5	G17 W120221004		0/8/2			ſ	Page 3 of	5 5									
序号 Serial	检验检测项目 Test Items	单位 Unit	技术要求 Requirement		检	验检测 Resul		单项评 Individu Judgme									
2	外观检查	3	样品表面不应破损、变形和有明显的其它缺陷,部件材料和结构应能够耐受正常使用条件及可能遇到的温度、湿度和机械冲击。按照 6.2 方法经温度湿度预处理和机械强度预处理后,部件不应脱落、损坏和变形。	村品农田九被预、支水、不有明显 的其它缺陷,部件材料和结构能够 耐受正常使用条件及可能遇到的 温度、湿度和机械冲击。 经温度湿度预处理和机械强度预 处理后,部件未出现脱落、损坏和 变形。			它缺陷,部件材料和结构 耐受正常使用条件及可能 温度、湿度和机械冲击。 之方法经温度湿度预处理 强度预处理后,部件不应		材料和结构能够 及可能遇到的 冲击。 和机械强度预	合格							
CE			60	ì	式样编 ⁻	3	实测值										
			\sim		未预	1#	127.6										
		93	随弃式面罩,无阀 KN90 级:	吸气	处理	2#	125.4	R									
	3 呼吸阻力	w	吸气阻力≤170 呼气阻力≤170	阻力	温湿度	5#	122.4	3 O									
3		Pa	吸气阻力≤210 呼气阻力≤210 KN100		处理	6#	123.6	合格									
62				呼气阻力	未预	3#	107.6										
			吸气阻力≤250 呼气阻力≤250		气阻							气	气 理	气埋	4#	104.3	
		R				力 湿 7 101.4	101.4	R									
	2003		2003		度处理	8#	100.5	3									
4	头带		呼吸器的每条头带、带扣及其他调节部件在承受 10N 拉力且持续 10s 时,不应出现滑脱或断裂。	未预处理: 1 [#] 呼吸器的每条头带、带扣及其他调节部件在承受 10N 拉力且持续10s 后,未出现滑脱、断裂。预处理后: 5 [#] 呼吸器的每条头带、带扣及其他调节部件在承受 10N 拉力且持续10s 后,未出现滑脱、断裂。			合 格										
5	死腔	W.	呼吸器的死腔结果平均值不应大于 1%	0		0.4%	5	合 格									

下方视野≥35°

双目视野≥65%

视野

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5	GTFWT20221064		980			共	Page	页 第 4 of	4 页 5
序号 Serial	检验检测项目 Test Items	单位 Unit	技术要求 Requirement		检验	捡检测约 Results			单项评价 Individual Judgment
				试样:	编号		实测值		
		-			9#		99.4		
		NB		YW.	10#		99.3		77
		0		W	11#		99.5	5	9) m
					12#		99.4	20	5
_			(3/2)		13#		99.5	(8)	
2			62	未预	14#	6	99.5		
52			60		15#	64	99.3		
					16#		99.2		
	_\ \			处理	17#		99.2		
7	过滤效率/% (NaCl 颗粒物)	-	KN90: ≥90.0	-	18#		99.3		合格
- 1	(NaCI AS(431-12))		LA.	19#		99.4		71	
1		£.		20#		99.2	5	0) W	
				21#		99.3	2	S	
0		(36)		22#		99.2	0		
34		653 6		23#	EL	99.4			
2			550	温度湿度处理	24#	52	99.0		
					25#		99.0		
					26#		98.9		
		a			27#		98.8		0
		40			28#		99.0		775
	(3) (3)		按 6.16 方法检测, 在模拟使用的	实验者	E2 快速 行走 试验	E3 屈伸 行走 试验	E9 管道 试验	E12 装填 试验	3
8	实用性能/分		条件下,对其他检测方法难以评价的性能,如 5.1b) 和 5.11 中规定的性能,由受试者提供主观评价。	Α	3	3	33	3	合 格
				В	3	3	3	3	
9	可燃性	80	暴露于火焰的各部件在从火焰移 开后,继续燃烧时间不应超过 5s。	从火炸 预处理 3 [#] 、4 [#]	试样暴 4移开后 1后: 试样暴	露于火炉	烧。 焰的各部	(0)	合格

检验检测结果 Testing Popults

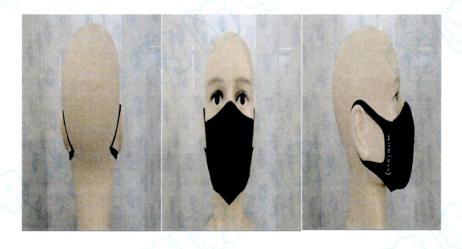
Testing Results

GTFWT20221064

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3636	以每个动作的 TIL 为 评价基础时(即 10 人×5个动作),50 个动作中至少有 46	试	样号	头 部 静	左右	TIL 抬 头	大声	头部	34.14-	
3636	评价基础时(即10 人×5个动作),50	试	样号	部	右				24/4-	
300			_	止	转动	低头	阅读	静止	总体 TIL	
		未	31#	6.1	7.0	7.2	6.6	6.0	6.6	
	个动作的 TIL	预	32#	4.6	5.3	6.2	5.6	4.1	5.2	
	KN90 <13	处	33#	4.6	5.0	5.6	5.5	4.0	4.9	
届性/% ——		埋		7.4	13.8	13.9	13.6	7.0	10.8	合 格
				4.3	5.1	5.3	4.9	3.6	4.6	
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	以人的总体TII 为评			6.8	7.5	8.2	8.1	5.9	7.3	
_ ( 0 ) \	价基础时,10个受试	预		5.7	5.9	6.0	5.5	5.3	5.7	
2 Y				4.6	5.3	5.6	5.3	4.0	4.9	
	KN90 <10	埋		4.6	4.8	5.2	4.3	3.9	4.6	
	0763	$\sim$	40#	3.9	4.4	4.9	4.3	3.7	4.2	
	4,50									
	性能主观评价系	以人的总体 TIL 为评价基础时,10 个受试者中至少有 8 个人的总体 TIL KN90 <10	照性/% —— 以人的总体 TIL 为评价基础时,10 个受试者中至少有 8 个人的总体 TIL KN90 <10 型性能主观评价采取 5 分制打分方法; 5 分表示	漏性/%     理     34#       以人的总体 TIL 为评价基础时,10 个受试者中至少有 8 个人的总体 TIL KN90     预处 38#       型     36#       数 39#     40#       50 个 10 个       性能主观评价采取 5 分制打分方法; 5 分表示对某法	理   34 [#] 7.4   35 [#] 4.3   36 [#] 6.8   37 [#] 5.7   数   38 [#] 4.6   理   39 [#] 4.6   40 [#] 3.9   50 个动作中   10 个试验者   10 个证验者   10 个证验	Image: Control of the control of	理   34 [#] 7.4 13.8 13.9   35 [#] 4.3 5.1 5.3   36 [#] 6.8 7.5 8.2   37 [#] 5.7 5.9 6.0   38 [#] 4.6 5.3 5.6   39 [#] 4.6 4.8 5.2   40 [#] 3.9 4.4 4.9   50 个动作中,有 47 个动作 10 个试验者中,有 9 个人	理 34 [#] 7.4 13.8 13.9 13.6 35 [#] 4.3 5.1 5.3 4.9 36 [#] 6.8 7.5 8.2 8.1	理 34 [#] 7.4 13.8 13.9 13.6 7.0 35 [#] 4.3 5.1 5.3 4.9 3.6 36 [#] 6.8 7.5 8.2 8.1 5.9 37 [#] 5.7 5.9 6.0 5.5 5.3 4.0 24.0 24.1 39 [#] 4.6 4.8 5.2 4.3 3.9 4.4 4.9 4.3 3.7 50 个动作中,有 47 个动作的 TIL 小于 139 10 个试验者中,有 9 个人的 TIL 小于 139 10 个人	理 34 [#] 7.4 13.8 13.9 13.6 7.0 10.8 35 [#] 4.3 5.1 5.3 4.9 3.6 4.6 36 [#] 6.8 7.5 8.2 8.1 5.9 7.3 37 [#] 5.7 5.9 6.0 5.5 5.3 5.7 数 4.6 5.3 5.6 5.3 4.0 4.9 理 39 [#] 4.6 4.8 5.2 4.3 3.9 4.6 40 [#] 3.9 4.4 4.9 4.3 3.7 4.2 50 个动作中,有 47个动作的 TIL 小于 13% 10 个试验者中,有 9个人的 TIL 小于 10% 性能主观评价采取 5 分制打分方法: 5 分表示对某评价项目有最佳的感受,3 分表示适中的原

## 样品图片



## 注 意 事 项

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业务受理微信号





中心官方微信公众号









## **TEST REPORT**



GTFWT20221064

Product Name Air Mask Lite - Filter Mini

Trust Unit Airinum AB

Guangzhou Harley Commodity Company
Limited

Test Category Entrusted Test



江苏省特种安全的护产品质量监督检验中心
JIANGSU QUALITY SUPERVISION AND INSPECTION CENTER FOR SPECIAL SAFETY PROTECTION PRODUCTS

国家特种劳动的护用品质量检验检测中心(江苏) NATIONAL QUALITY INSPECTION CENTER FOR SPECIAL LARGE PROTECTION ARTICLES ( WANGS I

## Test Report

GTFWT202	221064		Page 1 of 5
Product Name	Air Mask Lite - Filter Mini	Specification Type	M
	-88	Trademark	Airinum AB
Trust Unit	Airinum AB	Tel	
Manufacturer	Guangzhou Harley Commodity Company Limited	Sample Grade	KN90
Sample Quantity	70 pcs	Sample Receiving Date	2022-05-16
Test Category	Entrusted Test	Serial Number	
Samples Conditions	Meet the testing requirements	Test Date	2022-05-17 ~ 2022-05-27
Document and Decide Accordance	GB 2626-2019 Respirator Protection	products Self-breath Par	ticles Filtration Respirator
Test Conclusion	See the r	results page for the test re	SignatuimDate: 2022-05-27
Remarks	This report is only responsible for the measurement results is not considered in		· A

Approver

陈敏

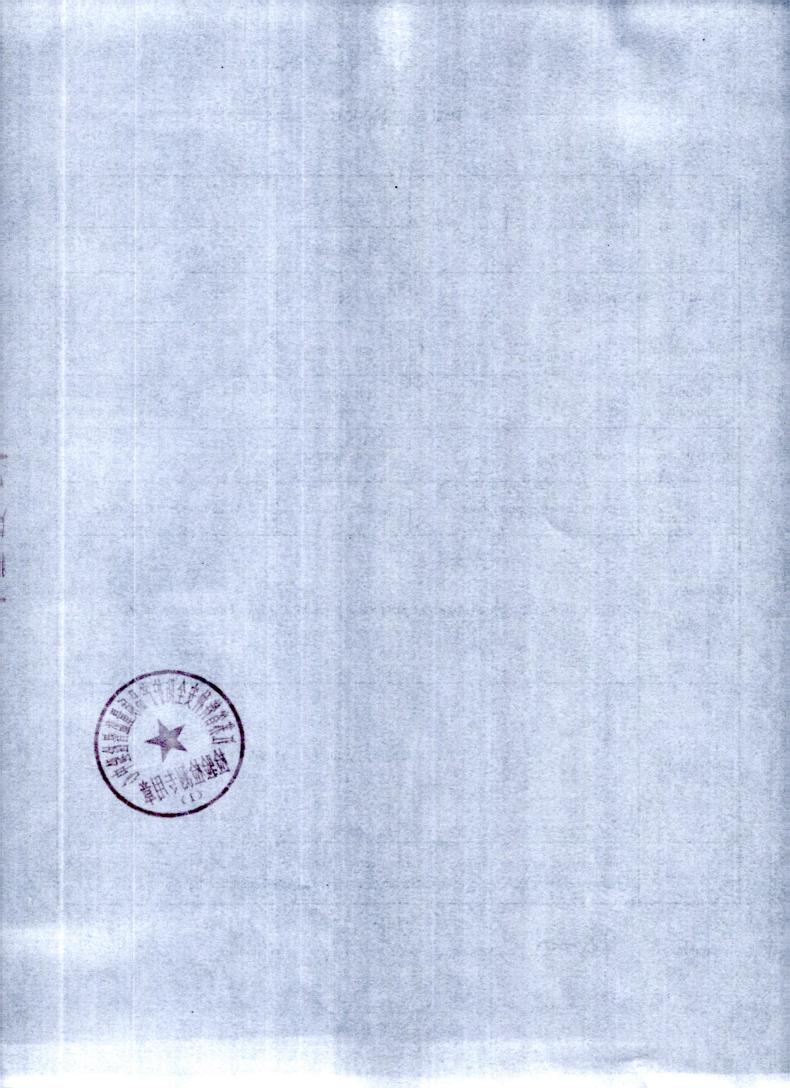
Examiner

京京市

measurement results is not considered in the detection results and compliance judgment.

Compiler





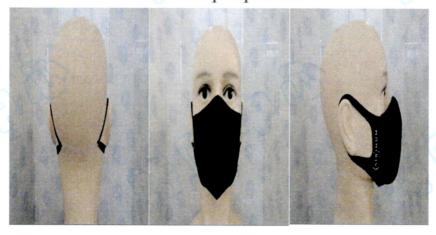
Serial	GTFWT202	1	P	Page 2 of	5 Individua
Serial	Test Items	Unit	Requirement	Results	Judgment
C			C. B. A.	69	
		80 80	1)Structural damage shall not occur easily, and the design, composition and installation of components shall not pose any danger to users; 2)The headband shall be elastic or adjustable, easy to wear and remove, and the face mask shall be firmly fixed on the face, and no obvious compression or tenderness shall appear during wearing. The headband of replaceable facepiece and full facepiece shall be replaceable; 3)If masks of the same size and style are worn in different ways, they should be tested for different products; 4)The visual field should not be significantly affected 5)During wearing, the lens of the full facepiece should, not be forced on	1)It is not easy to cause structural damage, and the design, composition and installation of components do not pose any danger to users	3 TE
	The basic requirements (structure)	_	facepiece should not be fogged or otherwise affect the vision.  6)The respirator with replaceable filter elements, inhalation valve, exhalation valve and headband shall be designed to be easily replaced, and the wearer can check the air tightness	2)The headband is designed as elastic material, adjustable, easy to wear and remove, and can firmly fix the mask on the face without obvious compression or tenderness during wearing:	Qualified
		TO	of the mask and face at any time and conveniently, and check the air tightness of wearing;  7) The breathing hose shall not restrict the head movement or the movement of the wearer, shall not affect the tightness of the mask, and shall not restrict or block the airflow;  8) Protection shall be provided on the	3)The field of vision is not significantly affected; 4)The structure of the disposable facepiece can ensure the close contact with the face, and it will not be deformed in normal use.	383
		30	front of the exhalation valve. The exhalation valveprotection device may be a specially designed part or play a protective role with the help of other parts on the mask:  9) The structure of the disposable facepiece should be able to ensure the close fit with the face, and should not be deformed in normal use;  10) Parts of replaceable facepiece (filter elements) should be cleanable;	\$ 69/2°	TO STORY
			a Cali	~60	3

	GTFWT2022	21064	resting Results			Page	3 of	5
Serial	Test Items	Unit	Requirement		Result	s		Individua Judgmen
2	Appearance inspection	80	The surface of the sample shall be free from damage, deformation and other obvious defects. The material and structure of the components shall be able to withstand normal service conditions and possible temperature, humidity and mechanical impact. After temperature and humidity pretreatment and mechanical strength pretreatment according to the method of 6.2, the parts should not fall off, be damaged or be deformed.	The surface of the sample is free from damage, deformation and other obvious defects. The material and structure of the components can withstand normal service conditions and possible temperature, humidity and mechanical impact.  After temperature and humidity pretreatment and mechanical strength pretreatment, the parts did not fall off, damage or deform.			Qualified	
6.2			FB)	San	nple No	5)	MV	
					Unpretr-	1#	127.6	
				Total inspiritory	eated	2#	125.4	
	Breath Resistance	2	disposable facepiece KN90:	resistance	Pretr-	5#	122.4	R
3		Pa	inhalation resistance : ≤170	$\mathcal{C}$	eated	6#	123.6	Qualified
			exhalation resistance: ≤170		Unpretr-	3#	107.6	3
			(82)	Total exhalation	eated	4#	104.3	
4		3	63	resistance	Pretr-	7#	101.4	
62			630		eated	8#	100.5	
4	Headband	80	Each headband, buckle and other adjusting parts of the mask should not slip or break when subjected to a 10N tension for 10s.	Unpretreated 1# Each headband, buckle and other adjusting parts of themask did not slip or break after being subjected to 10N of tension for 10s. After pretreatment: 5# Each headband, buckle and other adjusting parts of the mask did not slip or break after being subjected to 10N tension for 10s.			Qualified	
5	Carbon dioxide content of the inhalation air		CO2 volume fraction should be no greater than 1%.	0.4%				Qualified
6	Field of vision	To a	lower field of vision≥35°	8	61°		~	Ouglitical
	Field of vision ——		binocular field of vision ≥65%		74%	TE.	30	Qualified

Serial	GTFWT2022	Unit	Damin and	T			uge	4 of	5 Individual
Serial	rest items	Unit	Requirement			Results	10	2)	Judgment
CK	3		663	Sai	nple N	0	N	۸V	
4			20			9#	9	9.4	
						10#	9	9.3	
		0		5		11#	9	9.5	0
	~	2	$\sim$	W.		12#	9	9.4	The s
	~ (00)		~ (00)			13#	9	9.5	6)
	(3)		(4)			14#	9	9.5	
	3/00		62/00			15#	9	9.3	
52			630	Unpret	reated	16#	9	9.2	
	Filter efficiency					17#	9	9.2	==
7	(NaCl	-	KN90: ≥90.0	2		18#	9	9.3	Qualified
	particulate matter)	TO	$\sim$	B		19#	9	9.4	770
	~ (0°)		~ (00)			20#	9	9.2	0) 00
			(6)			21#	9	9.3	
A.			62			22#	9	9.2	
5			620			23#	9	9.4	
						24#	9	9.0	
		0				25#	9	9.0	
	~	20	$\sim$ $^{\circ}$	Temper and hur	nidity	26#	9	8.9	275
	~ (00)		~ (00)	treatn	nent	27#	9	8.8	0).00
_	(B)		Ca)~			28#	9	9.0	
A.	300		According to the method of 6.16, under the condition of simulated use,	Experim enter	E2	E3	E9	E12	
8	Practical performance /		the subjects provide subjective evaluation for the performance that is	A	3	3	3	3	Qualified
	score	score difficult to evaluate by other detection methods, such as those	difficult to evaluate by other	В	3	3	3	3	Quanned
9	Flammability	35	The parts exposed to the flame should not burn after being removed from the flame; if they do, the renewal time should not exceed 5s.	Unpretre 1#, 2#Tlexposed after bei flame. After program, 4#Tlexposed after bei flame.	to the ng rem etreatment parts to the	flame of oved from the contract of the flame	specin	burn e nen burn	Qualified

	GTFWT2	.0221064	+		(0					Page	5 of	5	
Serial	Test Items	Unit	Requirement	Ś	0	$\sim$	R	esults		Ž.	D	Individua Judgmen	
674			632	10				TIL		30			
~			Based on Til of each action (i. e. 10 persons	١	No.	stati c	Head (side/ side)	Head (up /dow n)	Talk	static	Mean		
			and 5 actions), TIL of	U	31#	6.1	7.0	7.2	6.6	6.0	6.6		
		X	at least 46 actions in 50 actions	np	32#	4.6	5.3	6.2	5.6	4.1	5.2	20	
		N	KN90 <13	ret	33#	4.6	5.0	5.6	5.5	4.0	4.9	J M	
10	Leakage/%	1		ted	34#	7.4	13.8	13.9	13.6	7.0	10.8	Qualified	
			Total Inward Leakage	(	35#	4.3	5.1	5.3	4.9	3.6	4.6	Quannec	
~		300	for at least 8 out of 10 subjects when evaluated on a total person basis	for at least 8 out of 10 subjects when	Af	36#	6.8	7.5	8.2	8.1	5.9	7.3	
06	3						ter pr	37#	5.7	5.9	6.0	5.5	5.3
4				etr	1 *	38#	4.6	5.3	5.6	5.3	4.0	4.9	
			KN90 <10	eat	39#	4.6	4.8	5.2	4.3	3.9	4.6		
				m	40#	3.9	4.4	4.9	4.3	3.7	4.2		
		8	8	4			0 indivi wearer		ercise r	esults <	_		
Rem arks	The subjective the best feeling feeling E2: Rapid Wa E12: Filling T	g for an o	on of practical performance valuation project, 3 point est E3: Flexion and 6	ts ind	lopts 5-	-point s noderate	coring to	method g, and 1	5 poin	ts indic	ate that s unacce	they have	

## Test sample picture



The following blank-

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监督电话 (Complain Tel): 0523-86989901



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特防检测



中心官方微信公众号









## **TEST REPORT**



GTFWT20221065

产品名称

Product Name

委托单位

Trust Unit

生产单位

Manufacturer

检验检测类别

Test Category

AIRINUM 都市系列口罩 纤巧型

Airinum AB

广州市哈雷日用品有限公司

委托送样检验





Test Report

GTFWT20221065

共 5 页第 1 页

Page 1 of 5

	_		Page 1 of 5
产品名称	AIRINUM 都市系列口罩 纤巧型	规格型号 Specification Type	М
Product Name	AIRINUM 都用系列口草 纤巧型	商 标 Trademark	Airinum AB
委托单位 Trust Unit	Airinum AB	电话 Tel	62 DP
生产单位 Manufacturer	广州市哈雷日用品有限公司	样品等级 Sample Grade	KN90
样品数量 Sample Quantity	70 只	送样日期 Sample Receiving Date	2022-05-16
检验检测类别 Test Category	委托送样检验	批号/货号 Serial Number	= 63
样品状态 Samples Conditions	符合检测要求	检验检测日期 Test Date	2022-05-17 ~ 2022-05-27
检验检测及判 定依据 Document and Decide Accordance	GB 2626-2019 《呼吸防护 自吸过》	虑式防颗粒物呼吸器》	
检验检测结论 Test Conclusion	检验	<b>金检测结果见结果页</b>	签发目期: 2022-05-30 SignatuimDate
备 注 Remarks	本报告仅对来样出具的检测结果负责	责,检测结果及符合性判定	(3)

批准: Approver 陈盐

审 核: Examiner 京京市

编制: Compiler 上鹏

GTFWT20221065

共 5 页第 2 页

序号 Serial	检验检测项目 Test Items	单位 Unit	技术要求 Requirement	Page 2 of 5 检验检测结果 Results	单项评价 Individual Judgment
	3 50	80	1)应不易产生结构性破损,部件设计、组成和安装不应对使用者构成任何危险; 2)头带的设计应为弹性材料或可调,便于佩戴和摘除,应能将或面罩牢固地固定在脸上,且佩戴时不应出现明显的压迫或压痛现象,可更换式半面罩和全面罩的头带设计应为可更换;	B CENTRALE	3 TE
	基本要求 (结构)	TO TO	3)同一大小号码和相同款式的面罩若有不同的佩戴方式,应作为不同的产品检测; 4)不应明显影响视野5)在佩戴时,全面罩的镜片不应出现结雾等影响视觉的情况。 6)使用可更换过滤元件、吸气阀、呼气便更换的设计,并且能使佩克、呼气便更换的设计,并且能使面面方便地检查面罩与查;7)呼吸导管不应限制头面罩的气密性,体风或气密性部面罩的气密性,不应影响面影响不应影响不应影响不应出现限制、阻塞气流的情况;	1)不易产生结构性破损,部件设计、组成和安装未对使用者构成任何危险; 2)头带的设计为弹性材料、可调,便于佩戴和摘除,能将面罩牢固地固定在脸上,且佩戴时未出现明显的压迫和压痛现象; 3)未明显影响视野; 4)随弃式面罩的结构能保证与面部的密合,且在正常使用中不出现变形。	合 格
C.	3 (50)	200	8)应对呼气阀的正面设置保护,呼气阀保护装置可以是专设的一个部件,也可以借助面罩上其他的部件起到保护作用; 9)随弃式面罩的结构应能保证与面部的密合,且应在正常使用中不出现变形; 10)可更换式面罩的部件(除过滤元件)应可清洗;	E 180	S S S S S S S S S S S S S S S S S S S
	(E)	Or		22 - W.S.E.	300

GTFWT20221065

共 5 页第 3 页

and the same of th				
Page	3	of	5	

序号 Serial	检验检测项目 Test Items	单位 Unit	技术要求 Requirement		单项评价 Individual Judgment						
2	外观检查	68	样品表面不应破损、变形和有明显的其它缺陷,部件材料和结构应能够耐受正常使用条件及可能遇到的温度、湿度和机械冲击。按照 6.2 方法经温度湿度预处理和机械强度预处理后,部件不应脱落、损坏和变形。	样的耐温经处变	合 格						
CE	3/80		(A)	ì	式样编号	7	实测值				
$\sim$					未预	1#	110.4				
		随弃式面罩,无阀 KN90 级: 吸气阻力≤170 呼气阻力≤170	吸气	处理	2#	114.3	200				
	~ (3)		阻 温 湿	湿	5#	109.6	300				
3	呼吸阻力			度处理	6#	107.4	合 格				
62	2)		呼气阻力≤170	呼气阻力	未预	3#	96.4				
					气阻	气阻	气阻	处理	4#	92.4	
		R						The second		The second second	温湿
1 12	a ci		(i)		度处理	8#	91.3	3			
4	头带	_	呼吸器的每条头带、带扣及其他调节部件在承受 10N 拉力且持续 10s 时,不应出现滑脱或断裂。	未 # 明 10s 后 5 # 明 10s 后 10s 后 10s 后	合 格						
5	死腔	Q.	呼吸器的死腔结果平均值不应大于1%	00	3	0.3%	6	合 格			
6	视野		下方视野≥35°			61°	(62)	合 格			
68	) CE		双目视野≥65%			73%	3/00	D 111			

序号	检验检测项目	单位	技术要求	Page 4 of					单项评价		
Serial	Test Items	Unit	Requirement	检验检测结果 Results					Individual Judgment		
				试样:	編号		实测值				
	80		2	9#		99.3		$\alpha$			
	~		~~	YA	10#		99.2		~ 41		
100	(0) W	(00)		11#		99.2	(0	6) U			
	200	260			12#		99.3	XV	O		
0	(128)		2(50)	1.3	13#	-	99.1	0			
S.	3 000		663		14#	6.4	99.2				
52			525	+ 75	15#	40	99.2				
				未预 处理	16#		99.3	gt.	]		
	`			<b>处理</b>	17#		99.2				
7	过滤效率/%	NaCl 颗粒物)————————————————————————————————————	1 —— 1 KN00. ≥00.0	20	18#		99.3		合格		
	(NaCl AUTU10)		563 (E)	S	19#		99.2		V 4/2		
Æ	(00)			00.	20#		99.2	0	0)		
	(S)~				21#		99.3	70			
5					22#	5	99.3	P			
36	3			23#		99.4					
5			温度	24#	6	99.0					
				25#		98.9					
			35	湿度 处理	26#		98.8				
X.		90			27#				a		
		S		10	28#				J		
8	实用性能/分		按 6.16 方法检测,在模拟使用的条件下,对其他检测方法难以评价的性能,如 5.1b) 和 5.11 中规定的性能,由受试者提供主观评价。	实验者	E2 快速 行走 试验	E3 屈伸 行走 试验	E9 管道 试验	E12 装填 试验	3		
		实用性能/分   ——   价		Α	3	3	3	3	合 格		
				В	3	3	3	3			
9	可燃性	To a	暴露于火焰的各部件在从火焰移		试样暴 6移开后	露于火	焰的各部 烧。	邻件在	合 格		

开后,继续燃烧时间不应超过 5s。

预处理后:

3#、4#试样暴露于火焰的各部件在

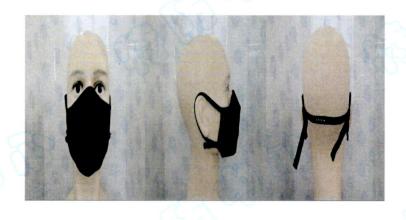
从火焰移开后,未燃烧。

GTFWT20221065

共 5 页第 5 页 Page 5 of 5

序号 Serial	检验检测项目 Test Items	单位 Unit	技术要求 Requirement	检验检测结果 Results						单项评价 Individual Judgment		
								TIL				
		30	以每个动作的 TIL 为 评价基础时 (即 10 人×5 个动作), 50	试	样号	头部静止	左右转动	抬头低头	大声阅读	头 部 静 止	总体 TIL	3 00
	1000		个动作中至少有 46	未	31#	3.9	4.4	5.2	5.1	3.4	4.4	
			个动作的 TIL KN90 <13	预	32#	3.7	4.1	4.1	4.1	3.6	3.9	
	MINE III			处理	33#	5.9	6.2	6.7	6.0	5.4	6.0	
10	泄漏性/%			7±	34#	8.0	13.6	13.9	13.6	7.3	10.9	合格
		9			35#	4.3	4.6	4.9	4.8	4.1	4.5	9
	~	V 0	以人的总体 TIL 为评		36#	4.0	4.6	5.6	5.0	3.2	4.5	$\sim 0$
	- ( o	7	价基础时,10个受试	预	37#	4.8	5.7	5.7	4.9	4.6	5.1	97
	CON		者中至少有8个人的	处	38#	4.7	5.2	5.7	4.8	4.5	5.0	
1	7/000		总体 TIL KN90 <10	理	39 [#]	4.1	4.3	5.2	5.1	3.9	4.5	
C VC	3		(6)		40#	5.3	5.7	5.8	5.4	5.0	5.5	
~			90				,有 4 f中,有					

## 样品图片



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## **TEST REPORT**



GTFWT20221065

Product Name Air Mask Urban - Filter Mini

Trust Unit Airinum AB

Guangzhou Harley Commodity Company
Limited

Test Category Entrusted Test



国家芬种劳动的孙用品质量检验检测中心(江方) NATIONAL QUALITY INSPECTION CENTER FOR SPECIAL LABOR PROTECTION ARTICLES (JIANGSU)



### Test Report

GTFWT202	221065		Page 1 of 5
Product Name	Air Mask Urban - Filter Mini	Specification Type	М
Troduct Funic	All Mask Orban - Fried Mini	Trademark	Airinum AB
Trust Unit	Airinum AB	Tel	
Manufacturer	Guangzhou Harley Commodity Company Limited	Sample Grade	KN90
Sample Quantity	70 pcs	Sample Receiving Date	2022-05-16
Test Category	Entrusted Test	Serial Number	- 8
Samples Conditions	Meet the testing requirements	Test Date	2022-05-17 ~ 2022-05-27
Document and Decide Accordance	GB 2626-2019 respirator protection p	products Self-breath Part	icles Filtration Respirator
Test Conclusion	See the r	results page for the test re	SignatuimDate: 2022-05-30
Remarks	This report is only responsible for the measurement results is not considered in		ATTENDED PROPERTY OF THE PARTY

Approver

陈敏

Examiner

京京市

Compiler

上鹏

	GTFWT202	21065		Page 2 of 5	
Serial	Test Items	Unit	Requirement	Results	Judgment
Serial	77		Requirement  1)Structural damage shall not occur easily, and the design, composition and installation of components shall not pose any danger to users; 2)The headband shall be elastic or adjustable, easy to wear and remove, and the face mask shall be firmly fixed on the face, and no obvious compression or tenderness shall appear during wearing. The headband of replaceable facepiece and full facepiece shall be replaceable; 3)If masks of the same size and style are worn in different ways, they should be tested for different products; 4)The visual field should not be significantly affected 5)During wearing, the lens of the full facepiece should not be fogged or otherwise affect the vision. 6)The respirator with replaceable filter elements, inhalation valve, exhalation valve and headband shall be designed to be easily replaced, and the wearer can check the air tightness of the mask and face at any time and conveniently, and check the air tightness of wearing; 7) The breathing hose shall not restrict the head movement or the movement of the wearer, shall not	// //	Individual
		35	affect the tightness of the mask, and shall not restrict or block the airflow;  8) Protection shall be provided on the front of the exhalation valve. The exhalation valveprotection device may be a specially designed part or play a protective role with the help of other parts on the mask:  9) The structure of the disposable facepiece should be able to ensure the close fit with the face, and should not be deformed in normal use;  10) Parts of replaceable facepiece (filter elements) should be cleanable;		3

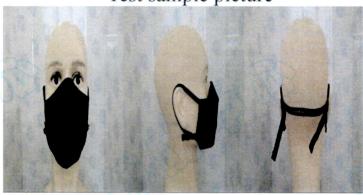
	GTFWT2022	21065	Testing Results			Page	3 of 5	3.	
Serial	Test Items	Unit	Requirement		Individua Judgmen				
2	Appearance inspection	30	The surface of the sample shall be free from damage, deformation and other obvious defects. The material and structure of the components shall be able to withstand normal service conditions and possible temperature, humidity and mechanical impact. After temperature and humidity pretreatment and mechanical strength pretreatment according to the method of 6.2, the parts should not fall off, be damaged or be deformed.	The surfa from dan other of material componer service of temperatu mechanica. After tempretreatments strength did not deform.	Qualified				
0			063	San	nple No	63	MV		
0			Solution	Total	Unpr	1#	110.4		
				inspi-rat	etr-ea ted	2#	114.3	1	
		I disposable faceblece	ory resis-tan	pretr-	5#	109.6			
3	Breath	Pa	inhalation resistance : ≤170	ce	eated	6#	107.4	Qualified	
	Resistance	Resistance	exhalation resistance: ≤170	Total exhal-ati on resis-tan	Unpr etr-ea ted	3#	96.4		
	200					4#	92.4		
5					pretr- eated	7#	90.6		
76			063	ce		8#	91.3		
4	Headband	<del>80</del>	Each headband, buckle and other adjusting parts of the mask should not slip or break when subjected to a 10N tension for 10s.	Unpretreated 1# Each hear adjusting par break after be for 10s. After pretreat 5# Each hear adjusting par break after be for 10s.	Qualified				
5	Carbon dioxide content of the inhalation air		CO2 volume fraction should be no greater than 1%.		Qualified				
6	Field of vision	80	lower field of vision≥35°	61°			5	Qualified	
~	A VISION		binocular field of vision ≥65%	73%				Qualified	

Serial	Test Items	Unit	Requirement	Results					Individual Judgment	
62	6230		2 23 3		nple N	0	N	1V		
64	2)		1 C (S)			9#	99	9.3		
						10#	99	9.2		
						11#	99	9.2		
		9	9	30		12#	99	9.3	98	
y Pui		00	200			13#	99	9.1	200	
			m Co			14#	99	9.2	5	
5	(38)		(30)			15#	99	9:2		
J.C	3		(A)	Unpretreated	eated	16#	99	9.3		
~	Filter efficiency		$\sim$		17#	17# 99.2				
7	/% (NaCl		KN90: ≥90.0		18#	99	9.3	Qualified		
	particulate matter)		i i	RD 1		19#	99	9.2	300	
			100		20#	99	9.2			
				<b>4</b> 5		21#	99	9.3		
0			200		22#	99	9.3			
V.C	3		(6)		(	23#	99	9.4		
×					24#	99	9.0			
				Temper	atura	25#	98	8.9	-	
		~ 80		and hun	26#	98	8.8	a		
					ent	27#	99	9.0	~ Or	
	a W		~ (°3)	1	28#	9	8.9	3		
50	(82)		According to the method of 6.16, under the condition of simulated use,	Expe-rim e-nter	E2	E3	E9	E12		
8	Practical performance /		the subjects provide subjective evaluation for the performance that is	Α	3	3	3	3	Qualified	
score	score		difficult to evaluate by other detection methods, such as those specified in 5.1b) and 5.11	В	3	3	3	3		
9	Flammability	88	The parts exposed to the flame should not burn after being removed from the flame; if they do, the renewal time should not exceed 5s.	Unpretreated 1#, 2#The parts of the specimen exposed to the flame did not burn after being removed from the flame. After pretreatment: 3#, 4#The parts of the specimen exposed to the flame did not burn after being removed from the flame.					Qualified	

GTFWT20221065 Page 5 of 5 Individual Serial Test Items Unit Requirement Results Judgment TIL Head Head No. stati (up (side/ Talk static Mean Based on Til of each C /dow side) action (i. e. 10 persons n) and 5 actions), TIL of 31# U 3.9 4.4 5.2 5.1 3.4 4.4 at least 46 actions in 32# np 50 actions 3.7 4.1 4.1 3.6 3.9 4.1 ret **KN90** < 1333# 5.9 6.2 6.7 6.0 5.4 6.0 rea 34# 8.0 13.6 13.9 7.3 ted 13.6 10.9 10 Leakage/% Qualified 35# Total Inward Leakage 4.3 4.6 4.9 4.8 4.1 4.5 for at least 8 out of 10 Af 36# 4.0 4.6 5.6 5.0 3.2 4.5 subjects when ter 37# 4.8 5.7 5.7 4.9 4.6 5.1 evaluated on a total pr person basis 38# etr 4.7 5.2 5.7 4.8 4.5 5.0 KN95 <10 eat 39# 4.1 4.3 5.2 5.1 3.9 4.5 m 40# 5.3 5.7 5.4 5.8 5.0 5.5 47 out of the 50 individual exercise results  $\leq 13$ 9 individual wearer arithmetic means < 10 The subjective evaluation of practical performance adopts 5-point scoring method; 5 points indicate that they have the best feeling for an evaluation project, 3 points indicate moderate feeling, and 1 point indicates unacceptable Rem arks E2: Rapid Walking Test E3: Flexion and extension walking test E9: Pipeline experiment

Test sample picture

E12: Filling Test



The following blank-

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