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国际互认  
检测  
TESTING  
CNAS L0317

# 宁波海关技术中心

Ningbo Customs District Technology Center

报告编号: KZ2123168

正本 (电子)  
ORIGINAL (ELE)

## 检测报告

共 6 页 第 1 页

客供 信息	样品描述	KN95 防护型口罩		商标	蓝禾医疗	
	委托单位	名称: 浙江蓝禾医疗用品有限公司 地址: 浙江省慈溪市慈东滨海区慈东大道1989号				
	生产单位	名称: 浙江蓝禾医疗用品有限公司 地址: 浙江省慈溪市慈东滨海区慈东大道1989号				
	数量	80只	颜色	白色	收样日期	2021-06-03
	规格	210mm×80mm	类别	KN95	报告日期	2021-06-11
	型号	9001型	批号	20210522	生产日期	2021.5.22
检测实施日期		2021-06-03~2021-06-11				
检测类别	委托检测	来样方式	客户送样	样品状态	无异常	
检测项目	根据申请者的要求					
检测及判定依据	GB 2626-2019 呼吸防护 自吸过滤式防颗粒物呼吸器					
检测结论:						
该样品按上述标准检测, 检测结果详见附页.						
备注: 1.检测结果仅对收到的样品负责。 2.除日期信息外, 客供信息由客户提供并确认, 本中心不承担证实客户提供信息的准确性、适当性和(或)完整性责任。						

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## 检测报告附页



检测项目	标准要求 (KN95)	检测结果 检测专用章 单项判定
5.3 过滤效率(氯化钠颗粒物) (%)	≥95.0	(13)
		98.236
		98.725
		99.282
		99.558
		98.740
		99.148
		99.042
		未处理 99.149
		99.204
		98.880
		98.872
		98.990
		99.240
		99.245
		99.011
		98.432
		温度湿度 预处理 97.119
98.848		
98.601		
98.542		

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检测项目		标准要求 (KN95)	检测结果 检验检测专用章 (13)		单项判定
5.4 泄漏性 (%)		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 个动作的 TIL 滤料级别: KN95 < 11% 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 滤料级别: KN95 < 8%	详见附表 1&2		符合
5.5 呼吸阻力 (Pa)	吸气阻力	≤ 210	未处理	84.6	符合
				75.8	
	温度湿度 预处理		53.9		
			47.8		
呼气阻力	≤ 210	未处理	45.2	符合	
			43.8		
		温度湿度 预处理	50.5		
			50.6		

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检测项目	标准要求 (KN95)	检测结果		单项判定
		(13)		
5.7 死腔 (%)	≤1	0.69	平均值 0.71	符合
		0.84		
		0.59		
5.8 视野	下方视野: ≥35°	37°		符合
	双目视野: ≥65%	76.6%		
5.9 头带 (10N,持续 10s)	不应出现滑脱或断裂	未处理	符合	符合
		温度湿度 预处理	符合	
5.12 气密性	60s 内每个全面罩内的压力变化不应大于 100 Pa	半面罩不考核		/
5.13 可燃性	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。	未处理	未点燃	符合
			未点燃	
		温度湿度 预处理	未点燃	
			未点燃	

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## 检测报告附页



**附表 1**  
泄漏性试验数据:

氯化钠 颗粒物 检测	受试者	样品	条件	头部静止、 不说话 (%)	左右转头 (%)	抬头低头 (%)	大声说话 (%)	头部静止、 不说话 (%)	平均值 (%)
	ZCM	1#	未处理	8.54	7.30	8.07	7.89	7.12	7.78
	CLY	2#	未处理	6.64	8.30	8.21	6.06	5.05	6.85
	WYX	3#	未处理	10.4	9.12	10.1	13.6	10.0	10.6
	WHY	4#	未处理	8.01	7.96	7.12	8.27	7.04	7.68
	ZN	5#	未处理	3.73	3.06	2.58	2.91	4.02	3.26
	WW	1#	温度湿度 预处理	8.09	5.95	6.18	10.6	8.62	7.89
	HF	2#	温度湿度 预处理	3.36	3.79	4.17	4.61	4.28	4.04
	CQW	3#	温度湿度 预处理	7.78	5.96	6.10	4.25	4.33	5.68
	CM	4#	温度湿度 预处理	9.17	7.29	6.25	7.99	7.17	7.57
HJJ	5#	温度湿度 预处理	7.87	7.63	7.88	7.94	7.07	7.68	

50 个动作中有 49 个动作的 TIL < 11 %  
10 个受试者中 9 个人的总体 TIL < 8 %

**附表 2**  
受试者形态脸部数据:

受试者	面长 (mm)	面宽 (mm)	面高 (mm)	嘴宽 (mm)
ZCM	96	120	74	42
CLY	96	114	98	52
WYX	140	145	115	60
WHY	89	124	102	51
ZN	103	118	116	53
WW	102	133	106	49
HF	102	115	107	52
CQW	112	128	111	52
CM	104	105	117	53
HJJ	99	110	113	50

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样品照片:



\* \* \* \* 以下空白 \* \* \*

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## TEST REPORT

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Customer Information	Sample Description	KN95 MASK		Brand	Lanhine	
	Applicant	Name: Zhejiang Lanhine Medical Products LTD. Address: 1989 Cidong Road, Cidongbinhai District, Cixi City, Zhejiang Province, PEOPLE'S REPUBLIC OF CHINA				
	Manufacturer	Name: Zhejiang Lanhine Medical Products LTD. Address: 1989 Cidong Road, Cidongbinhai District, Cixi City, Zhejiang Province, PEOPLE'S REPUBLIC OF CHINA				
	Quantity	80 Pieces	Color	White	Received date	2021-06-03
	Size	210mm×80mm	Type	KN95	Reporting date	2021-06-11
	Model	9001	Batch No.	20210522	Production date	2021.5.22
Date(s) of tests	2021-06-03~2021-06-11					
Classification	Entrusted	Arriving way	Delivery	Sample Status	Normal	
Test Items	Selected tests as requested by applicant					
Test and Judgment Basis	GB 2626-2019 Respiratory protection—Non-powered air-purifying particle respirator					
Conclusion:	The sample was tested according to the above standard, the results are shown in the following pages.					
Remarks:	1. We are only responsible for the sample delivered by the applicant. 2. In addition to the date information, customer related information is provided and confirmed by the customer, and our center does not assume responsibility for confirming the accuracy, appropriateness and / or completeness of the information provided by the customer.					

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## TEST REPORT



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Test Item	Requirement (KN95)	Results Assessment	
		Results	Assessment
5.3 Filter efficiency (Sodium chloride particle) (%)	$\geq 95.0$	(13) 98.236	Pass
		98.725	
		99.282	
		99.558	
		98.740	
		99.148	
		99.042	
		As received 99.149	
		99.204	
		98.880	
		98.872	
		98.990	
		99.240	
		99.245	
		99.011	
		Temperature & humidity conditioned 98.432	
		97.119	
		98.848	
98.601			
98.542			

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Test Items		Requirements (KN95)	Results	Assessment	
5.4 Total Inward Leakage (%)		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 × 5 exercises) for total inward leakage shall be not greater than: 11% for KN95 At least 8 out of the 10 individual wearer arithmetic means for the total inward leakage shall be not greater than: 8% for KN95	Detail refer to Appendix 1&2	Pass	
5.5 Breathing Resistance (Pa)	Inhalation	$\leq 210$	As received	84.6	Pass
				75.8	
	Temperature & humidity conditioned		53.9		
			47.8		
Exhalation		$\leq 210$	As received	45.2	Pass
				43.8	
			Temperature & humidity conditioned	50.5	
				50.6	

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Test Items	Requirements (KN95)	Results (13)		Assessment
5.7 Dead space (%)	$\leq 1$	0.69	Mean value 0.71	Pass
		0.84		
		0.59		
5.8 Field of vision	Lower field of vision: $\geq 35^\circ$	37°		Pass
	Binocular vision: $\geq 65\%$	76.6%		
5.9 Head harness (10N, for 10s)	There should be no slippage or breakage	As received	Meet requirement	Pass
		Temperature & humidity conditioned	Meet requirement	
5.12 Tight-fitting property	Within 60 seconds, the pressure change in each full facepiece shall not be greater than 100 Pa	Half facepiece, Not Assessed.		/
5.13 Flammability	Facepieces shall not burn or continue to burn for more than 5s after removal from the flame.	As received	Did not ignite	Pass
			Did not ignite	
		Temperature & humidity conditioned	Did not ignite	
			Did not ignite	

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### Appendix 1

Test Result of Total Inward Leakage:

	Subject	Specimen	Condition	Head still,	Head	Head	Talk	(13)	Mean
				not talk	left/right	up/down		Head still,	
				(%)	(%)	(%)	(%)	Head still,	(%)
Sodium chloride test	ZCM	1#	A.R	8.54	7.30	8.07	7.89	7.12	7.78
	CLY	2#	A.R	6.64	8.30	8.21	6.06	5.05	6.85
	WYX	3#	A.R	10.4	9.12	10.1	13.6	10.0	10.6
	WHY	4#	A.R	8.01	7.96	7.12	8.27	7.04	7.68
	ZN	5#	A.R	3.73	3.06	2.58	2.91	4.02	3.26
	WW	1#	T.C & H.C	8.09	5.95	6.18	10.6	8.62	7.89
	HF	2#	T.C & H.C	3.36	3.79	4.17	4.61	4.28	4.04
	CQW	3#	T.C & H.C	7.78	5.96	6.10	4.25	4.33	5.68
	CM	4#	T.C & H.C	9.17	7.29	6.25	7.99	7.17	7.57
	HJJ	5#	T.C & H.C	7.87	7.63	7.88	7.94	7.07	7.68

49 out of the 50 individual exercise results for TIL < 11 %

9 out of the 10 individual wearer arithmetic means for TIL < 8 %

Remarks :A.R: As received; T.C: Temperature conditioned; H.C: Humidity conditioned.

### Appendix 2

Subject facial dimensions:

Subject	Face Length (mm)	Face Width (mm)	Face Depth (mm)	Mouth Width (mm)
ZCM	96	120	74	42
CLY	96	114	98	52
WYX	140	145	115	60
WHY	89	124	102	51
ZN	103	118	116	53
WW	102	133	106	49
HF	102	115	107	52
CQW	112	128	111	52
CM	104	105	117	53
HJJ	99	110	113	50

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# 宁波海关技术中心

Ningbo Customs District Technology Center

Report No.: KZ2123168

## TEST REPORT



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### Sample Photos:



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