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中国认可  
国际互认  
检测  
TESTING  
CNAS L7901

# 检验检测报告

## TEST REPORT



GTFWT20211779

产品名称

Product Name

Air Mask Lite  
(Airinum 睿铂 Lite 系列口罩)

委托单位

Trust Unit

Airinum AB

生产单位

Manufacturer

广州市哈雷日用品有限公司  
Guangzhou Harley Commodity Company Limited

检验检测类别

Test Category

委托送样检验



江苏省特种安全防护产品质量监督检验中心

JIANGSU QUALITY SUPERVISION AND INSPECTION CENTER FOR SPECIAL SAFETY PROTECTION PRODUCTS

国家特种劳动防护用品质量检验检测中心(江苏)

NATIONAL QUALITY INSPECTION CENTER FOR SPECIAL LABOR PROTECTION ARTICLES (JIANGSU)

# 检 验 检 测 报 告

## Test Report

GTFWT20211779

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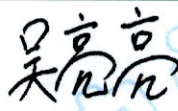
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|                                             |                                                                                                     |                               |                       |
|---------------------------------------------|-----------------------------------------------------------------------------------------------------|-------------------------------|-----------------------|
| 产品名称<br>Product Name                        | Air Mask Lite (Airinum 睿铂 Lite 系列口罩)                                                                | 规格型号<br>Specification Type    | M                     |
|                                             |                                                                                                     | 商 标<br>Trademark              | Airinum AB            |
| 委托单位<br>Trust Unit                          | Airinum AB                                                                                          | 电 话<br>Tel                    | +46767103323          |
| 生产单位<br>Manufacturer                        | 广州市哈雷日用品有限公司<br>Guangzhou Harley Commodity Company Limited                                          | 样品等级<br>Sample Grade          | KN95                  |
| 样品数量<br>Sample Quantity                     | 70 只                                                                                                | 送样日期<br>Sample Receiving Date | 2021-11-22            |
| 检验检测类别<br>Test Category                     | 委托送样检验                                                                                              | 批号/货号<br>Serial Number        | —                     |
| 样品状态<br>Samples Conditions                  | 符合检测要求                                                                                              | 检验检测日期<br>Test Date           | 2021-11-23~2021-12-08 |
| 检验检测及判定依据<br>Document and Decide Accordance | GB 2626-2019 《呼吸防护 自吸过滤式防颗粒物呼吸器》                                                                    |                               |                       |
| 检验检测结论<br>Test Conclusion                   | 检验检测结果见第二页<br> |                               |                       |
| 备 注<br>Remarks                              | 本报告仅对来样出具的检测结果负责。                                                                                   |                               |                       |

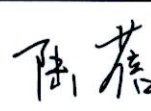
批 准:  
Approver



审 核:  
Examiner



编 制:  
Compiler



# 检 验 检 测 结 果 Testing Results

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| 序号<br>Serial | 检验检测项目<br>Test Items | 单位<br>Unit | 技术要求<br>Requirement                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 检验检测结果<br>Results                                                                                                                                                   | 单项评价<br>Individual Judgment |
|--------------|----------------------|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|
| 1            | 基本要求<br>(结构)         | —          | <p>1)应不易产生结构性破损，部件设计、组成和安装不对使用者构成任何危险；</p> <p>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；</p> <p>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；</p> <p>4)不应明显影响视野</p> <p>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。</p> <p>6)使用可更换过滤元件、吸气阀、呼气阀以及头带的呼吸器应采用方便更换的设计，并且能使佩戴者随时和方便地检查面罩与面部的气密性，做佩戴气密性检查；</p> <p>7)呼吸导管不应限制头部活动或佩戴者的行动，不应影响面罩的密合性，不应出现限制、阻塞气流的情况；</p> <p>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；</p> <p>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；</p> <p>10)可更换式面罩的部件(除过滤元件)应可清洗；</p> | <p>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；</p> <p>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；</p> <p>3)未明显影响视野；</p> <p>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。</p> | 合格                          |

# 检 验 检 测 结 果 Testing Results

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| 序号<br>Serial | 检验检测项目<br>Test Items | 单位<br>Unit | 技术要求<br>Requirement                                                                                  | 检验检测结果<br>Results                                                                                                        |       |    |       | 单项评价<br>Individual Judgment |
|--------------|----------------------|------------|------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|-------|----|-------|-----------------------------|
| 2            | 外观检查                 | —          | 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。<br>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。 | 样品表面无破损、变形、未有明显的其它缺陷，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。<br>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。                              |       |    |       | 合格                          |
| 3            | 呼吸阻力                 | Pa         | 随弃式面罩，无阀<br>KN95 级：<br>吸气阻力≤210<br>呼气阻力≤210                                                          | 试样编号                                                                                                                     |       |    | 实测值   | 合格                          |
|              |                      |            |                                                                                                      | 吸气阻力                                                                                                                     | 未预处理  | 1# | 187.6 |                             |
|              |                      |            |                                                                                                      |                                                                                                                          |       | 2# | 186.4 |                             |
|              |                      |            |                                                                                                      |                                                                                                                          | 温湿度处理 | 5# | 180.4 |                             |
|              |                      |            |                                                                                                      |                                                                                                                          |       | 6# | 178.7 |                             |
|              |                      |            |                                                                                                      | 呼气阻力                                                                                                                     | 未预处理  | 3# | 167.2 |                             |
|              |                      |            |                                                                                                      |                                                                                                                          |       | 4# | 164.3 |                             |
|              |                      |            |                                                                                                      |                                                                                                                          | 温湿度处理 | 7# | 160.4 |                             |
| 8#           | 159.8                |            |                                                                                                      |                                                                                                                          |       |    |       |                             |
| 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：<br>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。<br>预处理后：<br>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                   | —          | 呼吸器的死腔结果平均值不应大于 1%                                                                                   | 0.3%                                                                                                                     |       |    |       | 合格                          |
| 6            | 视野                   | —          | 下方视野≥35°                                                                                             | 63°                                                                                                                      |       |    |       | 合格                          |
|              |                      |            | 双目视野≥65%                                                                                             | 73%                                                                                                                      |       |    |       |                             |

# 检 验 检 测 结 果 Testing Results

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| 序号<br>Serial | 检验检测项目<br>Test Items | 单位<br>Unit | 技术要求<br>Requirement                                                        | 检验检测结果<br>Results                                                                                                                    |                  |                  |                |                 | 单项评价<br>Individual Judgment |
|--------------|----------------------|------------|----------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|------------------|------------------|----------------|-----------------|-----------------------------|
| 7            | 过滤效率/%<br>(NaCl 颗粒物) | ——         | KN95: ≥95.0                                                                | 试样编号                                                                                                                                 |                  | 实测值              |                |                 | 合 格                         |
|              |                      |            |                                                                            | 未预<br>处理                                                                                                                             | 9 <sup>#</sup>   | 99.7             |                |                 |                             |
|              |                      |            |                                                                            |                                                                                                                                      | 10 <sup>#</sup>  | 99.7             |                |                 |                             |
|              |                      |            |                                                                            |                                                                                                                                      | 11 <sup>#</sup>  | 99.8             |                |                 |                             |
|              |                      |            |                                                                            |                                                                                                                                      | 12 <sup>#</sup>  | 99.7             |                |                 |                             |
|              |                      |            |                                                                            |                                                                                                                                      | 13 <sup>#</sup>  | 99.8             |                |                 |                             |
|              |                      |            |                                                                            |                                                                                                                                      | 14 <sup>#</sup>  | 99.7             |                |                 |                             |
|              |                      |            |                                                                            |                                                                                                                                      | 15 <sup>#</sup>  | 99.8             |                |                 |                             |
|              |                      |            |                                                                            |                                                                                                                                      | 16 <sup>#</sup>  | 99.8             |                |                 |                             |
|              |                      |            |                                                                            |                                                                                                                                      | 17 <sup>#</sup>  | 99.7             |                |                 |                             |
|              |                      |            |                                                                            |                                                                                                                                      | 18 <sup>#</sup>  | 99.8             |                |                 |                             |
|              |                      |            |                                                                            |                                                                                                                                      | 19 <sup>#</sup>  | 99.7             |                |                 |                             |
|              |                      |            |                                                                            |                                                                                                                                      | 20 <sup>#</sup>  | 99.8             |                |                 |                             |
|              |                      |            |                                                                            |                                                                                                                                      | 21 <sup>#</sup>  | 99.7             |                |                 |                             |
|              |                      |            |                                                                            |                                                                                                                                      | 22 <sup>#</sup>  | 99.7             |                |                 |                             |
|              |                      |            |                                                                            |                                                                                                                                      | 23 <sup>#</sup>  | 99.8             |                |                 |                             |
|              |                      |            |                                                                            | 温度<br>湿度<br>处理                                                                                                                       | 24 <sup>#</sup>  | 99.5             |                |                 |                             |
|              |                      |            |                                                                            |                                                                                                                                      | 25 <sup>#</sup>  | 99.4             |                |                 |                             |
|              |                      |            |                                                                            |                                                                                                                                      | 26 <sup>#</sup>  | 99.4             |                |                 |                             |
|              |                      |            |                                                                            |                                                                                                                                      | 27 <sup>#</sup>  | 99.4             |                |                 |                             |
|              |                      |            |                                                                            |                                                                                                                                      | 28 <sup>#</sup>  | 99.5             |                |                 |                             |
| 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<br>快速行走<br>试验 | E3<br>屈伸行走<br>试验 | E9<br>管道<br>试验 | E12<br>装填<br>试验 | 合 格                         |
|              |                      |            |                                                                            | A                                                                                                                                    | 3                | 3                | 3              | 3               |                             |
|              |                      |            |                                                                            | B                                                                                                                                    | 3                | 3                | 3              | 3               |                             |
| 9            | 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。                                           | 未预处理:<br>1 <sup>#</sup> 、2 <sup>#</sup> 试样暴露于火焰的各部件在从火焰移开后, 未燃烧。<br>预处理后:<br>3 <sup>#</sup> 、4 <sup>#</sup> 试样暴露于火焰的各部件在从火焰移开后, 未燃烧。 |                  |                  |                |                 | 合 格                         |

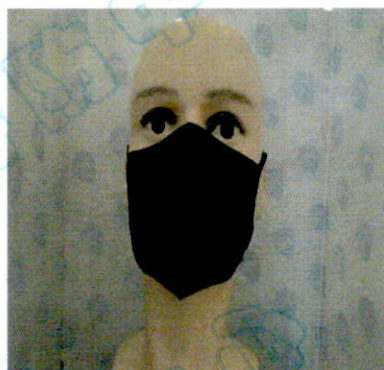
# 检 验 检 测 结 果 Testing Results

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| 序号<br>Serial | 检验检测项目<br>Test Items                                          | 单位<br>Unit | 技术要求<br>Requirement                                                | 检验检测结果<br>Results                                          |                 |      |      |      |      |      | 单项评价<br>Individual Judgment |     |  |
|--------------|---------------------------------------------------------------|------------|--------------------------------------------------------------------|------------------------------------------------------------|-----------------|------|------|------|------|------|-----------------------------|-----|--|
| 10           | 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<br>KN95 <11 | 试样号                                                        |                 | TIL  |      |      |      |      | 总体 TIL                      | 合 格 |  |
|              |                                                               |            |                                                                    |                                                            |                 | 头部静止 | 左右转动 | 抬头低头 | 大声阅读 | 头部静止 |                             |     |  |
|              |                                                               |            |                                                                    | 未<br>预<br>处<br>理                                           | 31 <sup>#</sup> | 3.6  | 3.9  | 4.8  | 4.0  | 3.4  | 4.0                         |     |  |
|              |                                                               |            |                                                                    |                                                            | 32 <sup>#</sup> | 3.6  | 3.8  | 4.2  | 3.6  | 3.4  | 3.7                         |     |  |
|              |                                                               |            |                                                                    |                                                            | 33 <sup>#</sup> | 4.5  | 4.7  | 5.4  | 5.2  | 4.3  | 4.8                         |     |  |
|              |                                                               |            |                                                                    |                                                            | 34 <sup>#</sup> | 4.0  | 4.9  | 5.5  | 4.9  | 3.7  | 4.6                         |     |  |
|              |                                                               |            |                                                                    |                                                            | 35 <sup>#</sup> | 7.8  | 11.6 | 11.8 | 11.7 | 7.1  | 10.0                        |     |  |
|              |                                                               |            |                                                                    | 预<br>处<br>理                                                | 36 <sup>#</sup> | 4.1  | 4.3  | 4.8  | 4.3  | 3.3  | 4.2                         |     |  |
|              |                                                               |            |                                                                    |                                                            | 37 <sup>#</sup> | 3.4  | 3.6  | 4.6  | 4.5  | 3.2  | 3.9                         |     |  |
|              |                                                               |            |                                                                    |                                                            | 38 <sup>#</sup> | 3.7  | 4.2  | 4.7  | 4.0  | 3.0  | 3.9                         |     |  |
|              |                                                               |            |                                                                    |                                                            | 39 <sup>#</sup> | 4.0  | 4.5  | 4.9  | 4.1  | 3.9  | 4.3                         |     |  |
|              |                                                               |            |                                                                    |                                                            | 40 <sup>#</sup> | 3.3  | 3.7  | 3.8  | 3.3  | 3.2  | 3.4                         |     |  |
|              |                                                               |            |                                                                    | 50 个动作中，有 47 个动作的 TIL 小于 11%<br>10 个试验者中，有 9 个人的 TIL 小于 8% |                 |      |      |      |      |      |                             |     |  |
| 备注           | 实用性主观评价采取 5 分制打分方法：5 分表示对某评价项目有最佳的感受，3 分表示适中的感受，1 分表示难以接受的感受。 |            |                                                                    |                                                            |                 |      |      |      |      |      |                             |     |  |

样 品 图 片



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# 注 意 事 项

- 1、检验检测报告无“检验检测专用章”或检验检测单位公章无效。
- 2、复制检验检测报告未重新加盖检验检测专用章无效。
- 3、检验检测报告无主检、审核、批准人签字无效。
- 4、检验检测报告涂改无效。
- 5、除全文复制外，未经本中心批准不得部分复制报告。

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中国认可  
国际互认  
检测  
TESTING  
CNAS L7901

# 检验检测报告

## TEST REPORT



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|               |                                            |
|---------------|--------------------------------------------|
| Product Name  | Air Mask Lite                              |
| Trust Unit    | Airinum AB                                 |
| Manufacturer  | Guangzhou Harley Commodity Company Limited |
| Test Category | Entrusted Test                             |



江苏省特种安全防护产品质量监督检验中心

JIANGSU QUALITY SUPERVISION AND INSPECTION CENTER FOR SPECIAL SAFETY PROTECTION PRODUCTS

国家特种劳动防护用品质量检验检测中心(江苏)

NATIONAL QUALITY INSPECTION CENTER FOR SPECIAL LABOR PROTECTION ARTICLES (JIANGSU)

# Test Report

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|                                |                                                                                           |                       |                       |
|--------------------------------|-------------------------------------------------------------------------------------------|-----------------------|-----------------------|
| Product Name                   | Air Mask Lite                                                                             | Specification Type    | M                     |
|                                |                                                                                           | Trademark             | Airinum AB            |
| Trust Unit                     | Airinum AB                                                                                | Tel                   | +46767103323          |
| Manufacturer                   | Guangzhou Harley Commodity Company Limited                                                | Sample Grade          | KN95                  |
| Sample Quantity                | 70 pcs                                                                                    | Sample Receiving Date | 2021-11-22            |
| Test Category                  | Entrusted Test                                                                            | Serial Number         | ---                   |
| Samples Conditions             | Meet the testing requirements                                                             | Test Date             | 2021-11-23~2021-12-08 |
| Document and Decide Accordance | GB 2626-2019 《respirator protection products Self-breath Particles Filtration Respirator》 |                       |                       |
| Test Conclusion                | See page 2 for the test results                                                           |                       |                       |
| Remarks                        | This report is only responsible for the test results issued by the samples.               |                       |                       |

Signature Date: 2021-12-08

Approver

陈敏

Examiner

吴亮亮

Compiler

陆蓓



# Testing Results

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| Serial | Test Items                         | Unit | Requirement                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Results                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Individual Judgment |
|--------|------------------------------------|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
| 1      | The basic requirements (structure) | —    | <ol style="list-style-type: none"> <li>1) Structural damage shall not occur easily, and the design, composition and installation of components shall not pose any danger to users;</li> <li>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;</li> <li>3) If masks of the same size and style are worn in different ways, they should be tested for different products;</li> <li>4) The visual field should not be significantly affected</li> <li>5) During wearing, the lens of the full facepiece should not be fogged or otherwise affect the vision.</li> <li>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;</li> <li>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;</li> <li>8) Protection shall be provided on the front of the exhalation valve. The exhalation valve protection device may be a specially designed part or play a protective role with the help of other parts on the mask;</li> <li>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;</li> <li>10) Parts of replaceable facepiece (filter elements) should be cleanable.</li> </ol> | <ol style="list-style-type: none"> <li>1) It is not easy to cause structural damage, and the design, composition and installation of components do not pose any danger to users</li> <li>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;</li> <li>3) The field of vision is not significantly affected;</li> <li>4) The structure of the disposable facepiece can ensure the close contact with the face, and it will not be deformed in normal use.</li> </ol> | Qualified           |

# Testing Results

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| Serial | Test Items                                   | Unit | Requirement                                                                                                                                                                                                                                                                                                                              | Results                                                                                                                                                                                                                                                                                                           | Individual Judgment |    |           |       |
|--------|----------------------------------------------|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|----|-----------|-------|
| 2      | Appearance inspection                        | —    | 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 | 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                                               | Qualified           |    |           |       |
| 3      | Breath Resistance                            | Pa   | disposable facepiece<br>inhalation resistance :≤210<br>exhalation resistance:≤210                                                                                                                                                                                                                                                        | Sample No                                                                                                                                                                                                                                                                                                         |                     | MV | Qualified |       |
|        |                                              |      |                                                                                                                                                                                                                                                                                                                                          | Total inspiratory resistance                                                                                                                                                                                                                                                                                      | Unpretreated        | 1# |           | 187.6 |
|        |                                              |      |                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                   |                     | 2# |           | 186.4 |
|        |                                              |      |                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                   | pretreated          | 5# |           | 180.4 |
|        |                                              |      |                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                   |                     | 6# |           | 178.7 |
|        |                                              |      |                                                                                                                                                                                                                                                                                                                                          | Total exhalation resistance                                                                                                                                                                                                                                                                                       | Unpretreated        | 3# |           | 167.2 |
|        |                                              |      |                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                   |                     | 4# |           | 164.3 |
|        |                                              |      |                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                   | pretreated          | 7# |           | 160.4 |
| 8#     | 159.8                                        |      |                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                   |                     |    |           |       |
| 4      | Headband                                     | —    | Each headband, buckle and other adjusting parts of the mask should not slip or break when subjected to a 10N tension for 10s.                                                                                                                                                                                                            | Unpretreated<br>1# Each headband, buckle and other adjusting parts of themask did not slip or break after being subjected to 10N of tension for 10s.<br>After pretreatment:<br>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 | —    | CO <sub>2</sub> volume fraction should be no greater than 1%.                                                                                                                                                                                                                                                                            | 0.3%                                                                                                                                                                                                                                                                                                              | Qualified           |    |           |       |
| 6      | Field of vision                              | —    | lower field of vision ≥35°                                                                                                                                                                                                                                                                                                               | 63°                                                                                                                                                                                                                                                                                                               | Qualified           |    |           |       |
|        |                                              |      | binocular field of vision ≥65%                                                                                                                                                                                                                                                                                                           | 73%                                                                                                                                                                                                                                                                                                               |                     |    |           |       |

# Testing Results

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| Serial | Test Items                                           | Unit | Requirement                                                                                                                                                                                                                               | Results                                                                                                                                                                                                                                                                                                   |                 |      |    |     | Individual Judgment |
|--------|------------------------------------------------------|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|------|----|-----|---------------------|
| 7      | Filter efficiency<br>/%<br>(NaCl particulate matter) | —    | KN95: ≥95.0                                                                                                                                                                                                                               | Sample No                                                                                                                                                                                                                                                                                                 |                 | MV   |    |     | Qualified           |
|        |                                                      |      |                                                                                                                                                                                                                                           | Unpretreated                                                                                                                                                                                                                                                                                              | 9 <sup>#</sup>  | 99.7 |    |     |                     |
|        |                                                      |      |                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                           | 10 <sup>#</sup> | 99.7 |    |     |                     |
|        |                                                      |      |                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                           | 11 <sup>#</sup> | 99.8 |    |     |                     |
|        |                                                      |      |                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                           | 12 <sup>#</sup> | 99.7 |    |     |                     |
|        |                                                      |      |                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                           | 13 <sup>#</sup> | 99.8 |    |     |                     |
|        |                                                      |      |                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                           | 14 <sup>#</sup> | 99.7 |    |     |                     |
|        |                                                      |      |                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                           | 15 <sup>#</sup> | 99.8 |    |     |                     |
|        |                                                      |      |                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                           | 16 <sup>#</sup> | 99.8 |    |     |                     |
|        |                                                      |      |                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                           | 17 <sup>#</sup> | 99.7 |    |     |                     |
|        |                                                      |      |                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                           | 18 <sup>#</sup> | 99.8 |    |     |                     |
|        |                                                      |      |                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                           | 19 <sup>#</sup> | 99.7 |    |     |                     |
|        |                                                      |      |                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                           | 20 <sup>#</sup> | 99.8 |    |     |                     |
|        |                                                      |      |                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                           | 21 <sup>#</sup> | 99.7 |    |     |                     |
|        |                                                      |      |                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                           | 22 <sup>#</sup> | 99.7 |    |     |                     |
|        |                                                      |      |                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                           | 23 <sup>#</sup> | 99.8 |    |     |                     |
|        |                                                      |      |                                                                                                                                                                                                                                           | Temperature and humidity treatment                                                                                                                                                                                                                                                                        | 24 <sup>#</sup> | 99.5 |    |     |                     |
|        |                                                      |      |                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                           | 25 <sup>#</sup> | 99.4 |    |     |                     |
|        |                                                      |      |                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                           | 26 <sup>#</sup> | 99.4 |    |     |                     |
|        |                                                      |      |                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                           | 27 <sup>#</sup> | 99.4 |    |     |                     |
|        |                                                      |      |                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                           | 28 <sup>#</sup> | 99.5 |    |     |                     |
| 8      | Practical performance / score                        | —    | According to the method of 6.16, under the condition of simulated use, the subjects provide subjective evaluation for the performance that is difficult to evaluate by other detection methods, such as those specified in 5.1b) and 5.11 | Experimenter                                                                                                                                                                                                                                                                                              | E2              | E3   | E9 | E12 | Qualified           |
|        |                                                      |      |                                                                                                                                                                                                                                           | A                                                                                                                                                                                                                                                                                                         | 3               | 3    | 3  | 3   |                     |
|        |                                                      |      |                                                                                                                                                                                                                                           | B                                                                                                                                                                                                                                                                                                         | 3               | 3    | 3  | 3   |                     |
| 9      | Flammability                                         | —    | 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<br>1 <sup>#</sup> , 2 <sup>#</sup> The parts of the specimen exposed to the flame did not burn after being removed from the flame.<br>After pretreatment:<br>3 <sup>#</sup> , 4 <sup>#</sup> The parts of the specimen exposed to the flame did not burn after being removed from the flame. |                 |      |    |     | Qualified           |

## Testing Results

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| Serial      | Test Items                                                                                                                                                                                                                                                                                                                                                        | Unit | Requirement                                                                                                         | Results       |                 |        |                   |                 |      |        | Individual Judgment |      |
|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------------------------------------|---------------|-----------------|--------|-------------------|-----------------|------|--------|---------------------|------|
| 10          | Leakage/%                                                                                                                                                                                                                                                                                                                                                         | ——   | Based on Til of each action (i. e. 10 persons and 5 actions) , TIL of at least 46 actions in 50 actions<br>KN95 <11 | No.           |                 | TIL    |                   |                 |      |        | Qualified           |      |
|             |                                                                                                                                                                                                                                                                                                                                                                   |      |                                                                                                                     |               |                 | static | Head (side/ side) | Head (up /down) | Talk | static |                     | Mean |
|             |                                                                                                                                                                                                                                                                                                                                                                   |      |                                                                                                                     | Unpre treated | 31 <sup>#</sup> | 3.6    | 3.9               | 4.8             | 4.0  | 3.4    |                     | 4.0  |
|             |                                                                                                                                                                                                                                                                                                                                                                   |      |                                                                                                                     |               | 32 <sup>#</sup> | 3.6    | 3.8               | 4.2             | 3.6  | 3.4    |                     | 3.7  |
|             |                                                                                                                                                                                                                                                                                                                                                                   |      |                                                                                                                     |               | 33 <sup>#</sup> | 4.5    | 4.7               | 5.4             | 5.2  | 4.3    |                     | 4.8  |
|             |                                                                                                                                                                                                                                                                                                                                                                   |      |                                                                                                                     |               | 34 <sup>#</sup> | 4.0    | 4.9               | 5.5             | 4.9  | 3.7    |                     | 4.6  |
|             |                                                                                                                                                                                                                                                                                                                                                                   |      |                                                                                                                     |               | 35 <sup>#</sup> | 7.8    | 11.6              | 11.8            | 11.7 | 7.1    |                     | 10.0 |
|             |                                                                                                                                                                                                                                                                                                                                                                   |      |                                                                                                                     | pretre ated   | 36 <sup>#</sup> | 4.1    | 4.3               | 4.8             | 4.3  | 3.3    |                     | 4.2  |
|             |                                                                                                                                                                                                                                                                                                                                                                   |      |                                                                                                                     |               | 37 <sup>#</sup> | 3.4    | 3.6               | 4.6             | 4.5  | 3.2    |                     | 3.9  |
|             |                                                                                                                                                                                                                                                                                                                                                                   |      |                                                                                                                     |               | 38 <sup>#</sup> | 3.7    | 4.2               | 4.7             | 4.0  | 3.0    |                     | 3.9  |
|             |                                                                                                                                                                                                                                                                                                                                                                   |      | 39 <sup>#</sup>                                                                                                     |               | 4.0             | 4.5    | 4.9               | 4.1             | 3.9  | 4.3    |                     |      |
|             |                                                                                                                                                                                                                                                                                                                                                                   |      | 40 <sup>#</sup>                                                                                                     |               | 3.3             | 3.7    | 3.8               | 3.3             | 3.2  | 3.4    |                     |      |
|             |                                                                                                                                                                                                                                                                                                                                                                   |      | 47 out of the 50 individual exercise results ≤ 11                                                                   |               |                 |        |                   |                 |      |        |                     |      |
|             |                                                                                                                                                                                                                                                                                                                                                                   |      | 9 individual wearer arithmetic means≤ 8                                                                             |               |                 |        |                   |                 |      |        |                     |      |
| rema<br>rks | 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 feeling<br>E2: Rapid Walking Test    E3: Flexion and extension walking test    E9: Pipeline experiment<br>E12: Filling Test |      |                                                                                                                     |               |                 |        |                   |                 |      |        |                     |      |

### Test sample picture



The following blank

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