

## NPPTL COVID-19 Response: International Respirator Assessment

Manufacturer: Guangdong Golden Leaves Technology Development Co., Ltd.

Model Tested: 8862 KN95

Date Tested: June 18, 2020

These findings pertain to the Guangdong Golden Leaves Technology Development Co., Ltd., model 8862 KN95. The packaging for this product indicates that it meets GB2626-2006 (the Chinese standard for Respiratory Protective Equipment – Non-Powered Air-Purifying Particle Respirator).

Thirty respirators were submitted for evaluation. The respirators were sampled into groups of ten for evaluation. The samples were tested using a modified version of NIOSH Standard Test Procedure (STP) TEB-APR-STP-0059. This modified assessment plan can be found [here](#).

No certificate of approval was provided with the samples received; therefore, the authenticity of the claims cannot be validated.

The maximum and minimum filter efficiency was 99.64% and 98.23%, respectively. All thirty respirators measured more than 95%.

While the above-listed product classification has similar performance requirements to NIOSH-approved devices, NIOSH does not have knowledge about the sustained manufacturer quality system and product quality control for these products. NIOSH also does not have knowledge about the product's handling and exposures after leaving its manufacturer's control.

In addition, this product is an ear loop design. Currently, there are no NIOSH-approved products with ear loops; NIOSH-approved N95s have head bands. Furthermore, limited assessment of ear loop designs, indicate difficulty achieving a proper fit. While filter efficiency shows how well the filter media performs, users must ensure a proper fit is achieved.

**This assessment is not a part of the NIOSH respirator approval process and will in no way lead to or preclude NIOSH approval through the official approval process.** This assessment was developed as an assessment of the filter efficiency for those respirator's represented as certified by an international certification authority, other than NIOSH, to support the availability of respiratory protection to US healthcare workers due to the respirator shortage associated with COVID-19. Only particulate filter efficiency was assessed.

The results provided in this letter are specific to the subset of samples that were provided to NPPTL for evaluation.

These results will be used to update the CDC guidance for [Crisis Capacity Strategies \(during known shortages\)](#).

## Evaluation of International Respirators

**Test:** Modified TEB-APR-STP-0059

**Date Tested:** June 18, 2020

**Report Prepared:** June 19, 2020

**Manufacturer:** Guangdong Golden Leaves Technology Development Co., Ltd.

**Item Tested:** 8862 KN95 (Sample Group 1 of 3)

**Country of Certification:** China (GB2626-2006)

Pictures have been added to the end of this report.

Filter	Flow Rate (Lpm)	Initial Filter Resistance (mmH <sub>2</sub> O)	Initial Percent Leakage (%)	Maximum Percent Leakage (%)	Filter Efficiency
1	85	7.0	0.30	1.00	99.00
2	85	7.1	0.46	1.16	98.84
3	85	7.8	0.23	0.78	99.22
4	85	7.1	0.24	0.70	99.30
5	85	6.2	0.39	1.55	98.45
6	85	6.8	0.46	1.77	98.23
7	85	6.7	0.23	0.86	99.14
8	85	7.1	0.22	0.68	99.32
9	85	7.8	0.21	0.75	99.25
10	85	6.5	0.30	1.10	98.90
<b>Minimum Filter Efficiency: 98.23</b>			<b>Maximum Filter Efficiency: 99.32</b>		

- The test method utilized in this assessment is not the NIOSH standard test procedure that is used for certification of respirators. Respirators assessed to this modified test plan do not meet the requirements of STP-0059, and therefore cannot be considered equivalent to N95 respirators that were tested to STP-0059.
- Respirators tested may not be representative of all respirators with the same certification mark. NIOSH has no control over suppliers and distributors of respirators certified by other national or international parties.
- This assessment is not a confirmation that it conforms with any or all of its specifications in accordance with its certification mark.
- This assessment was not a part of the NIOSH approval program. These results do not imply nor preclude a future approval through the NIOSH respirator approval program.

# NPPTL COVID-19 Response: International Respirator Assessment

**Test:** Modified TEB-APR-STP-0059

**Date Tested:** June 18, 2020

**Report Prepared:** June 19, 2020

**Manufacturer:** Guangdong Golden Leaves Technology Development Co., Ltd.

**Item Tested:** 8862 KN95 (Sample Group 2 of 3)

**Country of Certification:** China (GB2626-2006)

Filter	Flow Rate (Lpm)	Initial Filter Resistance (mmH <sub>2</sub> O)	Initial Percent Leakage (%)	Maximum Percent Leakage (%)	Filter Efficiency
11	85	6.9	0.25	0.81	99.19
12	85	7.0	0.26	0.96	99.04
13	85	8.1	0.17	0.49	99.51
14	85	8.1	0.68	1.12	98.88
15	85	7.9	0.85	1.23	98.77
16	85	8.2	0.10	0.36	99.64
17	85	7.1	0.39	1.24	98.76
18	85	9.1	0.27	0.73	99.27
19	85	7.0	0.26	0.79	99.21
20	85	6.2	0.40	1.50	98.50
<b>Minimum Filter Efficiency: 98.50</b>			<b>Maximum Filter Efficiency: 99.64</b>		

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# NPPTL COVID-19 Response: International Respirator Assessment

**Test:** Modified TEB-APR-STP-0059

**Date Tested:** June 18, 2020

**Report Prepared:** June 19, 2020

**Manufacturer:** Guangdong Golden Leaves Technology Development Co., Ltd.

**Item Tested:** 8862 KN95 (Sample Group 3 of 3)

**Country of Certification:** China (GB2626-2006)

Filter	Flow Rate (Lpm)	Initial Filter Resistance (mmH <sub>2</sub> O)	Initial Percent Leakage (%)	Maximum Percent Leakage (%)	Filter Efficiency
21	85	8.5	0.31	1.01	98.99
22	85	7.7	0.23	0.66	99.34
23	85	7.3	0.27	0.77	99.23
24	85	7.8	0.28	1.05	98.95
25	85	8.3	0.13	0.39	99.61
26	85	7.8	0.36	1.09	98.91
27	85	9.4	0.13	0.38	99.62
28	85	7.8	0.18	0.53	99.47
29	85	8.1	0.18	0.52	99.48
30	85	8.7	0.10	0.37	99.63
<b>Minimum Filter Efficiency: 98.91</b>			<b>Maximum Filter Efficiency: 99.63</b>		

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## Fish Shape KN95 Mask

产品型号: 8862 KN95  
Product model: 8862 KN95

产品数量: 20个/盒  
Product quantity: 20pcs/pack

有效期: 3年  
Validity: 3 years

中国制造  
Made in China

产品规格: 20.5\*8cm  
Product specification: 20.5\*8cm

执行标准: GB2626-2006 KN95  
Executive standard: GB2626-2006 KN95

### 佩戴方法

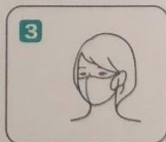
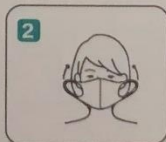
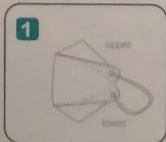
将口罩打开, 由鼻梁线居上佩戴后按压鼻梁部密合,

防护效果更佳

Wearing method

Open the mask and press on the bridge of the nose

after wearing it. The protective effect is better.



## Fish Shape KN95 Mask

### 主要结构组成

产品由口罩本体、鼻夹、松紧带组成;

其中口罩本体由PP无纺布67%、熔喷布33%

等多层材质合成。

### Major structural composition

The product consists of mask body, nose clip and elastic band.

The mask it self is composed of 67% P.P spun-viscose non-woven fabric, 33% melt-blown fabric.

建议储存条件: 湿度 <80%, 无腐蚀性气体和通风良好的清洁室内

\*注意使用前, 使用者必须阅读并了解使用说明。请保存这些说明以便参考

生产地址: 广东省东莞市塘厦镇桥陇河东路8号2栋501

公司名称: 广东金叶科技发展有限公司

电话: 0769-87989800

Recommended storage conditions: humidity less than 80%, non-corrosive gas and well ventilated clean room.

\*Pay attention before use, the wearer must read the instructions, Please save these instructions for reference.

Manufacturer: Guangdong Golden Leaves Technology

Development Co., Ltd

Production Address: 5/F, building 2, No. 8, Qiaolonghe East Road,

Tangxia Town, Dongguan, Guangdong, 523730, CHINA

Contact: 0769-87989800



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# 合格证 CERTIFICATION

## 鱼型KN95防护口罩

### Fish Shape KN95 Mask

产品型号: 8862 KN95 规格: 20.5\*8cm  
Product Model Specification

执行标准: GB 2626-2006 非医用  
Executive Standard non-medical

检验员: 广东金叶科技发展有限公司 产品数量: 20个  
Inspector Product Quantity 20pcs

原材料: 无纺布67%, 熔喷布33%  
Raw Materials Non-woven fabric 67%, Melt-blown fabric 33%

有效期: 3年 生产日期: 见包装喷码  
Shelf Life 3years Production Date See Packaging Code

检验: 合格 生产批号: 见包装喷码  
Test Qualified Production batch See Packaging Code

生产企业: 广东金叶科技发展有限公司  
Manufacturer Guangdong Golden Leaves Technology Development Co.,Ltd  
生产地址: 广东省东莞市塘厦桥陇河东路8号2栋501室  
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**Sky Screen**

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