

## NPPTL COVID-19 Response: International Respirator Assessment

Manufacturer: Guangdong Aixida Pharmaceutical Co., Ltd.

Model Tested: Daily Protective Mask

Date Tested: June 11, 2020

These findings pertain to the Guangdong Aixida Pharmaceutical Co., Ltd., Daily Protective Mask. The packaging for this product indicates that it meets GB2626-2006 (the Chinese standard for Respiratory Protective Equipment – Non-Powered Air-Purifying Particle Respirator).

Ten respirators were submitted 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 42.70% and 29.90%, respectively. All ten respirators measured less 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 11, 2020

**Report Prepared:** June 11, 2020

**Manufacturer:** Guangdong Aixida Pharmaceutical Co., Ltd.

**Item Tested:** Daily Protective Mask

**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	6.5	69.7	70.1	29.90
2	85	7.4	57.2	57.3	42.70
3	85	5.9	66.5	66.5	33.50
4	85	7.0	60.3	60.4	39.60
5	85	6.0	65.8	66.7	33.30
6	85	5.8	66.8	66.8	33.20
7	85	6.4	66.8	67.0	33.00
8	85	6.5	64.0	64.0	36.00
9	85	6.4	64.7	64.7	35.30
10	85	7.4	59.0	59.0	41.00
<b>Minimum Filter Efficiency: 29.90</b>			<b>Maximum Filter Efficiency: 42.70</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.



# KN95 PROTECTION



## METHOD OF USE

- ① After putting on the mask, pull down the lower end of the mask to the chin, and wrap the entire chin.
- ② Press the soft metal nose clip to fit the nose clip to the bridge of the nose.
- ③ Check again that you are wearing correctly.

广东艾希德药业有限公司  
Guangdong Aixida Pharmaceutical Co., LTD



# KN95 PROTECTION



How to don a mask:

1. Place over nose, mouth and chin.
2. Secure ear loops.
3. Fit flexible nose piece over bridge.
4. Adjust fit-snug to face and below chin.

Mask removal:

1. Front of mask is dirty, so handle by ear loops.
2. Remove from face downward.
3. Discard with care.

Batch Code of the Masks : 0128032020

Manufacture date(D/M/Y) : 28/03/2020

Period of Validity : 3 Years

# 合格证

Certificate of Conformity



KN95

产品名称: 日常防护口罩

Product Name: Daily Protective Mask

型号规格: 中号 耳挂式

Model Spec.: M Size, Earhook

数量: 50只

Quantity: 50 pcs

生产批号: 0128032020

Production No.: 0128032020

生产日期: 28/03/2020

Production Date: 28/03/2020

有效期: 三年

Shelf Life: 3 Years

检验员号: 01

Inspector No.: 01

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