

NPPTL COVID-19 Response: International Respirator Assessment

Manufacturer: Shandong Daddy's Choice Health Science and Technology Co., Ltd.

Model Tested: Purism KN95 Protective Face Mask

Date Tested: June 3, 2020

These findings pertain to the Shandong Daddy's Choice Health Science and Technology Co., Ltd., Purism KN95 Protective Face 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 98.91% and 96.12%, respectively. All ten 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 3, 2020

Report Prepared: June 3, 2020

Manufacturer: Shandong Daddy's Choice Health Science and Technology Co., Ltd.

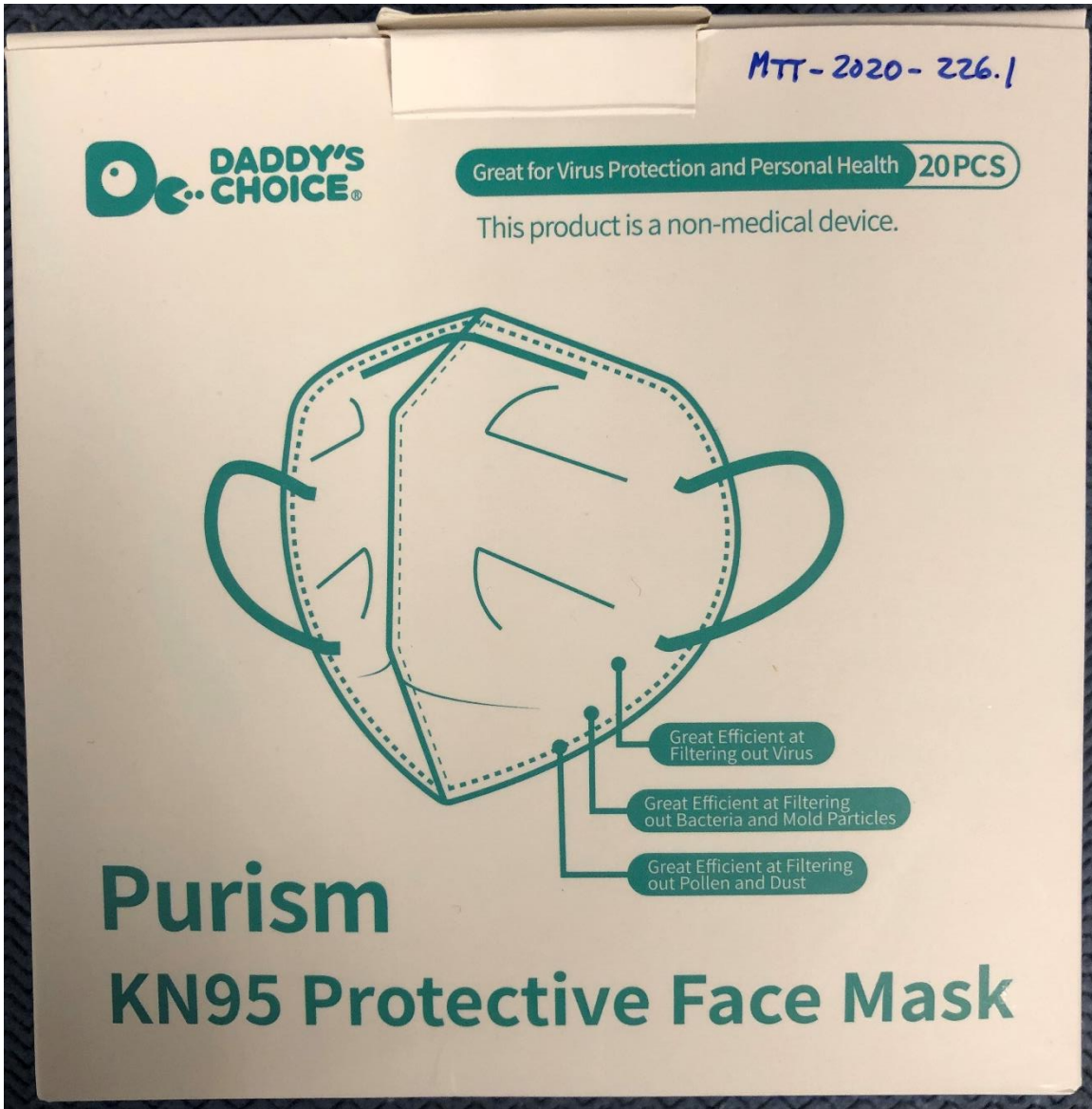
Item Tested: Purism KN95 Protective Face Mask

Country of Certification: China (GB2626-2006)

Pictures have been added to the end of this report.

Filter	Flow Rate (Lpm)	Initial Filter Resistance (mmH ₂ O)	Initial Percent Leakage (%)	Maximum Percent Leakage (%)	Filter Efficiency
1	85	12.0	1.53	1.64	98.36
2	85	14.2	1.82	1.82	98.18
3	85	15.7	2.05	2.05	97.95
4	85	15.1	2.54	2.55	97.45
5	85	14.0	1.09	1.09	98.91
6	85	14.7	2.16	2.16	97.84
7	85	11.9	3.88	3.88	96.12
8	85	11.1	2.14	2.14	97.86
9	85	11.9	2.28	2.28	97.72
10	85	11.7	2.13	2.15	97.85
Minimum Filter Efficiency: 96.12			Maximum Filter Efficiency: 98.91		

- 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.



Notes

1. Wash your hands before wearing a mask or keep your hands away from the inner side of the mask while wearing it to reduce the possibility of contamination.
 2. Distinguish the inside and outside of the mask - the outside is printed words. Distinguish the top and bottom of the mask - the metal strip/sponge strip is on the top of the mask.
 3. Do not squeeze the mask with your hands. The mask can only isolate the virus on the outside of the mask. Squeezing the mask with your hands can make the mask soggy with droplets, increasing the risk of infection.
 4. Make sure the mask fits well with the face. A simple test: after putting on a mask, exhale hard to check if the air doesn't leak through the edges.
- Storage:** It is recommended to store in a clean, dry, ventilated and non-corrosive gas environment, away from ignition sources or combustible materials.

Beijing Daddy's Choice Science and Technology Co., Ltd.

Brand: Purism

Address: No.2 Ding Fu Zhuang, Chao Yang District, Beijing, 100024 CN

Manufacture: Shandong Daddy's Choice Health Science and Technology Co., Ltd.

Address: South Tiandingfeng Road, Dongshou Road, Huayuan Street,
Linyi County, Dezhou City, Shandong Province China, 251500 CN

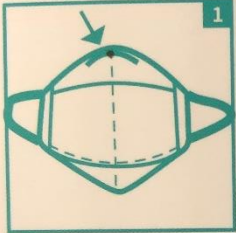
Production Licence: Lu weixiao zhengzi (2017) no. 1308

Verification to Standard: GB 2626-2006 KN95


MADE IN CHINA



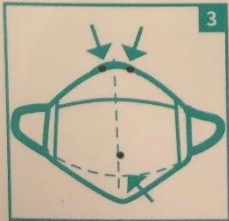
Directions



1 Put the face mask with the nose clip on the upper side and the white face on the inner side. The rubber bands at both ends should be hung on the ears.



2 Gently press the nose clip to make it fit with the bridge of the nose, then press the nose clip to pull the lower end of the mask to the lower jaw.



3 Arrange the wearing effect of the mask to cover the bridge of the nose to the lower jaw for the best protective effect.

Products

Purism KN95 Protective Face Mask

Brand: Purism

Product Name: KN95 Protective Face Mask

Product Performance: Perfect fit for every face and optimal protection. Suitable for the protection of some non-oily particles, like Influenza virus, dust, pollen, etc.

Fiber Fabric Construction: Spun-bonded non-woven fabric and Melt-blown non-woven fabric.

Application: Schools, high-speed rail, airports, public transport and other relatively dense places and family environment.

Production Date/Batch no: Showing on the Packaging

Period of Validity: Three Years

Telephone: 400-996-5015

Website: www.daddychoice.com

Email: sales@daddychoice.com



产品合格证

Manufacturer's Certificate

产品名称: Product Name:	纯粹主义防护口罩 Purism kn95 protective Face Mask	生产日期: Manufacture Date:	20200401
产品规格: Dimensions:	16.5cm×10.5cm	检验日期: Test Date:	20200408
包装规格: Specifications:	20只装/盒 20 pcs/ bx.	有效期: Period of Validity:	三年 Three Years
执行标准: Executive Standard:	GB 2626-2006	检验员: Inspector:	01
产品批次号: Batch No.:	20200401	主要材料: Main material	熔喷布 melt-blown fabric

北京爸爸的选择科技有限公司 (Beijing Daddy's Choice Science and Technology CO., Ltd)
 品牌名称: 纯粹主义 (Brand: Purism)
 生产并委托 (Manufacture and Commission)
 地址: 北京市朝阳区定福庄2号院齿轮厂文创园1号楼3层 (Address: 3rd floor, Building 1, Gear Field Incubator, Yard 2, Dingfuzhuang xili, Chaoyang District, Beijing.)
 受委托方: 山东爸爸的选择健康科技有限公司 (Agent: Shandong Daddy's Choice Health Technology CO., Ltd)
 地址: 山东省德州市临邑县经济开发区花园大街东首路南天鼎丰路中段路东 (Address: South Tiandingfeng Road, Dongshou Road, Huayuan Street, Linyi County, Dezhou City, Shandong Province.)
 电话 (Telephone): 400-996-5015
 网址 (Website): www.daddychoice.com

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