

NPPTL COVID-19 Response: International Respirator Assessment

Manufacturer: Chongqing Luche Technology Co., Ltd.

Model Tested: Medical Protective Mask

Date Tested: November 20, 2020

These findings pertain to the Chongqing Luche Technology Co., Ltd., model Medical Protective Mask. The packaging and labeling for this product indicate it meets GB19083-2010 (the Chinese standard for Technical Requirements for Protective Face Mask for Medical Use).

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](#).

The maximum and minimum filter efficiency was 99.96% and 99.89%, 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.

This product has head bands/straps. 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 respirators 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: November 20, 2020

Report Prepared: November 20, 2020

Manufacturer: Chongqing Luche Technology Co., Ltd

Item Tested: Medical Protective Mask

Country of Certification: China (GB19083-2010)

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	12.7	0.07	0.07	99.93
2	85	12.4	0.07	0.08	99.92
3	85	12.0	0.07	0.07	99.93
4	85	13.3	0.07	0.07	99.93
5	85	13.0	0.08	0.08	99.92
6	85	11.7	0.05	0.05	99.95
7	85	13.9	0.07	0.07	99.93
8	85	12.7	0.08	0.08	99.92
9	85	11.9	0.04	0.04	99.96
10	85	12.6	0.11	0.11	99.89
Minimum Filter Efficiency: 99.89			Maximum Filter Efficiency: 99.96		

- 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.

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 合格证 CERTIFICATE	
产品名称 PRODUCT NAME	N95 口罩 N95 particulate respirators
产品型号 RODUCT NUMBER	B28 N95 杯型头戴式 B28 N95Cup-type head-mounted
产品规格 PRODUCT SPECIFICATION	14*13CM 14*13CM
主要材料 MAIN MATERIAL	40%熔喷布+60%针刺棉 40% meltblown cloth + 60% needling cotton
执行标准 EXECUTIVE STANDARD	GB19083-2010 GB19083-2010
包装数量 PACKING QUANTITY	20枚装 20 pieces
生产批号 PRODUCTION BATCH	HY202019 HY202019
生产日期 PRODUCTION DATE	2020年06月01日 June 01, 2020
有效期 EXPIRATION DATE	2年 2 years
检验员 INSPECTORS	HY-08 HY-08
生产厂商 MANUFACTURER	重庆鹿车科技有限公司 Chongqing Luche Technology Co., Ltd
生产地址 PRODUCTION ADDRESS	重庆市北碚区新茂路1号(自贸区) 1 Xinmao Road, Beibei District, Chongqing (Free Trade Zone)

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