

Evaluation of International Respirators

Test: Modified TEB-APR-STP-0059

Date Tested: October 7, 2020

Report Prepared: October 9, 2020

Manufacturer: Guangzhou Powecom Labor Insurance Supplies Co., Ltd.

Item Tested: KN95 (Earloop style)

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 | 10.5 | 0.58 | 0.58 | 99.42 |
| 2 | 85 | 10.3 | 0.42 | 0.42 | 99.58 |
| 3 | 85 | 9.3 | 0.34 | 0.34 | 99.66 |
| 4 | 85 | 10.4 | 0.37 | 0.37 | 99.63 |
| 5 | 85 | 10.5 | 0.81 | 0.81 | 99.19 |
| 6 | 85 | 9.9 | 0.24 | 0.24 | 99.76 |
| 7 | 85 | 10.9 | 0.57 | 0.57 | 99.43 |
| 8 | 85 | 10.7 | 0.79 | 0.79 | 99.21 |
| 9 | 85 | 9.6 | 0.64 | 0.64 | 99.36 |
| 10 | 85 | 10.2 | 0.81 | 0.81 | 99.19 |
| Minimum Filter Efficiency: 99.19% | | | Maximum Filter Efficiency: 99.76% | | |

- 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.