



# TEST REPORT



No.:WT204051461

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**Sample Description:** Mask (kn95 Non-medical)

**Model/Specification/Grade:** -----

**Applicant:** Lanshan Shendun Technology Co., Ltd.

**Applicant Address:** Refer To Next Pages

**Date of Receipt:** 2020-06-12

**Test Period:** 2020-06-12 to 2020-06-30

**Test Location:** Longhua Experimental Base

Shenzhen Academy of  
Metrology & Quality Inspection  
(Stamp)



**Issue Date:** 2020-06-30

**Approved by:** \_\_\_\_\_

邓海英

**Signature:** \_\_\_\_\_

邓海英

# 重要声明

## Important statement

1. 本院是深圳市人民政府依法设置的产品质量监督检验机构，系社会公益型非营利性技术机构，为各级政府执法部门进行监督管理提供技术支持和接受社会各界的委托检验。

SMQ is a legal non-profit technical institute established by Shenzhen Municipal Government to undertake the quality supervision and inspection of products, and to provide technical support to relevant supervision and administration and also conduct commission test from the society.

2. 本院保证检验的科学性、公正性和准确性，对检验的数据负责，并对委托单位所提供的样品和技术资料保密。

SMQ is committed to assuring the scientificness, impartiality and accuracy of all tests carried out, responsibility for test data gained, and keeping confidential of all test samples and technical documents provided.

3. 抽样按照本院程序文件 CX11-01《抽样程序》和相应产品的检验细则的规定执行。

The sampling should be carried out according to the "sampling procedure" defined in the Procedure Document CX11-01 and relevant testing specifications.

4. 报告无主检、审核、批准人签字，或涂改，或未盖本院“检验检测专用章”及骑缝章无效。未经本院许可，不得部分复印、摘用或篡改本证书/报告内容。

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5. 送样委托检验结果仅对来样有效：委托检验的样品信息及委托方信息均由委托方填写，本院不对其真实性及准确性负责。

The test results presented in the report apply only to the tested sample. The product information and the applicant information are provided by the customer and SMQ assumes no responsibility for their validity and accuracy.

6. 未经检验机构同意，样品委托人不得擅自使用检验结果进行不当宣传。

Any use of SMQ test result for advertisement of the tested material or product must be approved in writing by SMQ.

7. 无 CMA 标志的报告，仅供使用方内部参考，不具有对社会的证明作用。含粤字编号的 CAL 标志仅适用于产品标准和判定标准。

The non-CMA report issued by SMQ is only permitted to be used by the client as internal reference use and shall not be used for public demonstration purpose. CAL logo with symbol "Yue" is only relevant to product standards and reference of standards.

8. 对农产品监督抽查检验结果有异议的，可以自收到检验报告之日起五日内，向组织实施农产品质量安全监督抽查的农业行政主管部门或者其上级农业行政主管部门申请复检。对食品监督检验报告有异议的，可以自收到检验报告之日起七个工作日内向实施抽样检验的食品药品监督管理部门或者其上一级食品药品监督管理部门提出复检申请。对其它检验报告有异议的，应于报告发出之日起十五日内向本院提出。

Any objections to the testing results of supervision sampling of agricultural products should apply for retest within 5 days upon receiving the test report to the administrative department of agriculture who organizes and implements agricultural products' supervision sampling or its superior department. Any objections to the testing results of supervision sampling of food should apply for retest within 7 days upon receiving the test report to the administrative department of food and drug who organizes and implements supervision sampling for food or its superior department. Any objections to other inspection report issued by SMQ should be submitted to SMQ within 15 days after the issuance of the test report.

9. 电子版证书/报告更改后将不被追回，委托方有义务将更改后的报告/证书提供给使用原报告/证书的相关方。

SMQ is not responsible for recalling the electronic version of the original report/certificate when any revision is made to them. The applicant assumes the responsibility of providing the revised version to any interested party who uses them.



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## Sample Information:

Sample Description: Mask (kn95 Non-medical)  
Trade Mark: -----  
Model/Specification/Grade: -----  
Serial/Batch No. of Sample: SD-KN95 Headband type  
Manufactured Date: 2020-06-12  
Manufacturer: Lanshan Shendun Technology Co., Ltd.  
Manufacturer Address: Refer To Next Pages  
Sample Quantity: 50pcs  
Sample Description before Testing: Normal.

## Client Information:

Applicant: Lanshan Shendun Technology Co., Ltd.  
Applicant Address: Refer To Next Pages  
Applicant Telephone: -----  
Applicant Post Code: -----

## Test Information:

Date of Receipt: 2020-06-12  
Applicant No.: 8252680  
Environment Condition: (18~25) °C (30~70) %RH  
Sampling Method: Delivered by Applicant  
Judgment Basis: GB 2626-2019  
Test Standard: GB 2626-2019, GB 2890-2009

## Test Conclusion:

Test result refer to next pages.

Tested by: 林月明 林月明

Checked by: 王燕归 王燕归



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Test Item	Requirement	Test Result	Conclusion
1. Appearance (GB 2626-2019)	5.2 Requirement	(GB 2626-2019) 1#~2# Conformity	Conformity
2. Filtration efficiency (%) (GB 2626-2019)	NaCl Non-oil aerosols KN95 $\geq$ 95.0	(GB 2626-2019)  Unpretreated sample: 1#: 99.64 2#: 99.57 3#: 99.54 4#: 99.62 5#: 99.55 6#: 99.59 7#: 99.53 8#: 99.60 9#: 99.50 10#: 99.61  Pretreated sample: 1#: 98.37 2#: 98.27 3#: 98.46 4#: 98.40 5#: 98.37  KN-Series Temperature: 24.0°C Relative humidity: 34.5% Aerosol chamber: NaCl Concentration of aerosol chamber: 20mg/m <sup>3</sup> (Flow meter rate: 85L/min)	Conformity





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Test Item	Requirement	Test Result	Conclusion
3. Exhalation resistance(Pa) (GB 2626-2019)	Disposable facepiece, no exhalation valve KN95: $\leq 210$	(GB 2626-2019)  Unpretreated sample: 1# 2# 123.9 120.2  Pretreated sample: 1# 2# 120.4 116.9 (Flow: 85L/min)	Conformity
4. Inhalation resistance(Pa) (GB 2626-2019)	Disposable facepiece, no exhalation valve KN95: $\leq 210$	(GB 2626-2019)  Unpretreated sample: 1# 2# 110.2 101.8  Pretreated sample: 1# 2# 125.8 114.9 (Flow: 85L/min)	Conformity
5. Dead space(%) (GB 2626-2019)	$\leq 1$	(GB 2626-2019) Disposable facepiece: 0.71 (Temperature: 24.5°C)	Conformity
6. Head harness (GB 2626-2019)	Disposable facepiece: 10N, continuous 10s No slippage or breakage	(GB 2626-2019)  Unpretreated sample: 1#~2#: Pass  Pretreated sample: 1#~2#: Pass	Conformity





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Test Item	Requirement	Test Result	Conclusion
7.Connect and connect parts (GB 2626-2019)			Not applicable
8.Flammability (GB 2626-2019) Afterflame time ≤5 (s)		(GB 2626-2019)  Disposable facepiece: Unpretreated sample: 1# 2# 0.0 0.0  Pretreated sample: 1# 2# 0.0 0.0  Displacement speed of Head mold nose tip: 60mm/s  Flame temperature at 20mm from the top of the burner: 809℃	Conformity
9.view (GB 2626-2019) below view binocular field of view	half facepiece  ≥35° ≥65%	(GB 2890-2009)  56° 88.8%	Conformity

Note:

1.The sequence of temperature and humidity pretreatment is as follows:

- a) Place at  $(38 \pm 2.5) ^\circ\text{C}$  and  $(85 \pm 5)\%$  relative humidity for  $(24 \pm 1)$  hours;
- b) Treatment in dry environment at  $(70 \pm 3) ^\circ\text{C}$  for  $(24 \pm 1)$  hours;
- c) Place at  $(-30 \pm 3) ^\circ\text{C}$  for  $(24 \pm 1)$  hours;

After the sample temperature is restored to room temperature for 5 hours, the test shall be carried out again.



