

TEST REPORT

(Electronic version)



No:200216254

VERIFICATION WEBSITE: www.gttc.net.cn

VERIFICATION CODE: USNA-0573-34

ISSUE DATE:2020-07-30

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APPLICANT: ZHEJIANG XIUYUAN MEDICAL TECHNOLOGY CO., LTD
ADDRESS: NO.205-18 WEI 12 ROAD, YUEQING ECONOMIC DEVELOPMENT ZONE, YUEQING CITY, WHENZHO
CITY, ZHEJIANG PROVINCE, CHINA

INFORMATION CONFIRMED BY APPLICANT:

FILTERING HALF MASK (NON-MEDICAL)

QUANTITY: 100 PIECES

LOT NO.: 20200710

DATE OF MANUFACTURE: 2020-7-10

MODEL: KN95 FOLDING

MANUFACTURE'S NAME: ZHEJIANG XIUYUAN MEDICAL TECHNOLOGY CO., LTD

DATE RECEIVED/DATE TEST STARTED: 2020-07-16

CONCLUSION:

FILTRATION EFFICIENCY TO NaCl PARTICULATE MATTER	M
INSPIRATORY RESISTANCE	M
EXPIRATORY RESISTANCE	M
VISUAL FIELD UNDER MASK	M
BINOCULAR VISUAL FIELD	M
HEAD BAND	M
FLAMMABILITY	M
DEAD SPACE	M
LEAKAGE	M
APPEARANCE[2 PIECES]	M

NOTE: "M" -MEET THE STANDARD'S REQUIREMENT "F" -FAIL TO MEET THE STANDARD'S REQUIREMENT
"---" -NO COMMENT

REMARK:

THIS REPORT IS THE ENGLISH TRANSLATION VERSION OF THE REPORT 200216253.
ALL THE TESTED ITEMS ARE TESTED UNDER THE STANDARD CONDITION (EXCEPT FOR INDICATION).
COPIES OF THE REPORT ARE VALID ONLY RE-STAMPED.
THE EXPERIMENT WAS CARRIED OUT AT No.1, ZHUJIANG ROAD, PANYU DISTRICT, GUANGZHOU, GUANGDONG, P. R. CHINA.

APPROVED BY:

ZiShan Guo SENIOR ENGINEER

郭子山

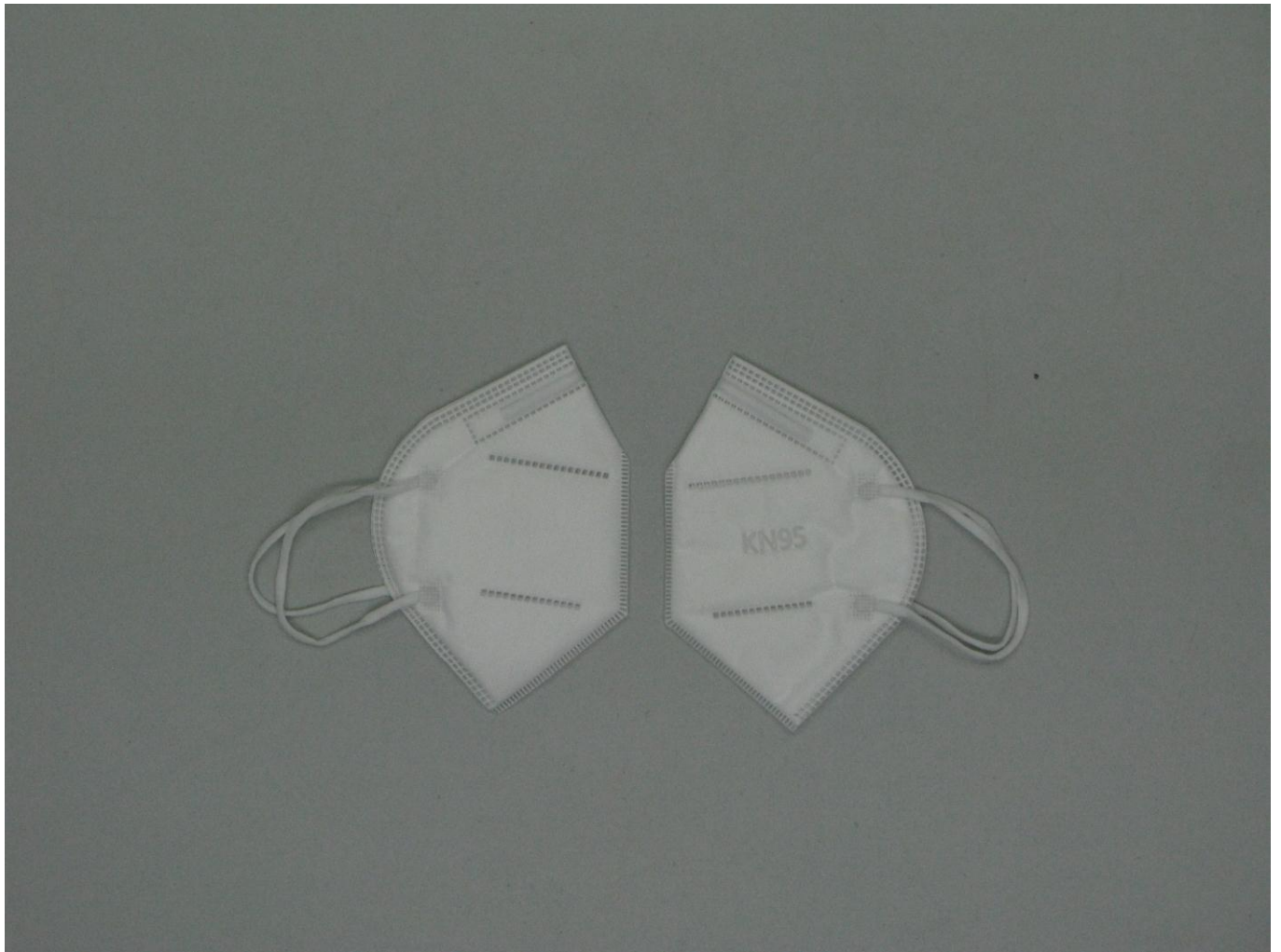


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FILTRATION EFFICIENCY TO NaCl PARTICULATE MATTER(%)

(GB 2626-2019 6.3, AIR FLOW:85L/min, AEROSOL:NaCl, AEROSOL CONCENTRATION:15mg/m³,
TEMP:22.1℃ RH:35.0%)

FILTRATION EFFICIENCY: UNTREATED SAMPLE

1# 99.704
2# 99.585
3# 99.631
4# 99.512
5# 99.624
6# 99.617
7# 99.388
8# 99.463
9# 99.711
10# 99.406
11# 99.532
12# 99.396
13# 99.470
14# 99.415
15# 99.372

CONDITIONING TREATED

1# 98.96
2# 99.324
3# 99.042
4# 99.110
5# 98.81

REQUIREMENT

FILTRATION EFFICIENCY:
≥95.0
(KN95)
(GB 2626-2019)

INSPIRATORY RESISTANCE (Pa)

(GB 2626-2019 6.5, HEAD SIZE: MEDIUM)

UNTREATED SAMPLE:

1# 173.9
2# 170.8

PRETREATMENT SAMPLE:

1# 159.5
2# 157.3

REQUIREMENT

≤210
(GB 2626-2019)

EXPIRATORY RESISTANCE (Pa)

(GB 2626-2019 6.6, HEAD SIZE: MEDIUM)

UNTREATED SAMPLE:

1# 160.2
2# 158.7

PRETREATMENT SAMPLE:

1# 146.2
2# 144.1

REQUIREMENT

≤210
(GB 2626-2019)

VISUAL FIELD UNDER MASK(°)

(GB 2890-2009 6.8)

65

REQUIREMENT

≥35
(GB 2626-2019)



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BINOCULAR VISUAL FIELD(%)

(GB 2890-2009 6.8)

89

REQUIREMENT

≥65

(GB 2626-2019)

HEAD BAND

(GB 2626-2019 6.11)

UNTREATED SAMPLE:

1# PASS

CONDITIONING TREATED:

1# PASS

REQUIREMENT

EACH HEAD BAND, BUCKLE AND OTHER ADJUST PARTS OF MASK SHOULD NOT SLIP OR BREAK UNDER 10N TENSION FOR 10S.

(GB 2626-2019)

FLAMMABILITY(s)

(GB 2626-2019 6.15)

AFTERFLAME TIME

UNTREATED SAMPLE

1# 0.0

2# 0.0

CONDITIONING TREATED

3# 0.0

4# 0.0

REQUIREMENT

AFTERFLAME TIME

≤5

(GB 2626-2019)

DEAD SPACE

(GB 2626-2019 6.9)

CARBON DIOXIDE VOLUME FRACTION:

0.8%

REQUIREMENT

CARBON DIOXIDE VOLUME FRACTION SHOULD NOT BE MORE THAN 1%

(GB 2626-2019)

LEAKAGE

(GB 2626-2019 6.4)

BASED ON THE TIL OF EACH ACTION (I.E. 10 PERSONS × 5 ACTIONS), THE NUMBER OF ACTIONS WITH TIL LESS THAN 11% IN 50 ACTIONS:

46

BASED ON THE TOTAL TIL OF THE SUBJECTS, THE NUMBER OF SUBJECTS WITH THE TOTAL TIL LESS THAN 8% IN THE 10 SUBJECTS:

8

REQUIREMENT

BASED ON THE TIL OF EACH ACTION (I.E. 10 PERSONS × 5 ACTIONS), THE NUMBER OF ACTIONS WITH TIL LESS THAN 11% IN 50 ACTIONS:

≥46

BASED ON THE TOTAL TIL OF THE SUBJECTS, THE NUMBER OF SUBJECTS WITH THE TOTAL TIL LESS THAN 8% IN THE 10 SUBJECTS:

≥8

(KN95)

(DISPOSABLE MASK)

(GB 2626-2019)

APPEARANCE[2 PIECES]

(GB 2626-2019 6.1)

PASS

REQUIREMENT

ACCORDING TO THE CLAUSE 5.2 OF THE PRODUCT STANDARD

(GB 2626-2019)



—End of Report—

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