

# TEST REPORT

(Electronic version)



No: 200349098

VERIFICATION WEBSITE: [www.gttc.net.cn](http://www.gttc.net.cn)

VERIFICATION CODE: QVRQ-5100-34

扫码下载报告



ISSUE DATE: 2020-11-11

APPLICANT: 10A LIMITED  
ADDRESS: RMS 1001-1005, 10/F NANYANG PLAZA 57 HUNG TO RD KWUN TONG KLN HONG KONG

INFORMATION CONFIRMED BY APPLICANT:

NANO FIBER CIVIL USE FOR MASK

QUANTITY: 70 PIECES

BRAND: 10A/Ten-A/十埃/Ten-Angstrom

MODEL: A. FT5FM13D-RED STRIPE B. FT5FM13D-GREEN STRIPE

STANDARD ADOPTED:

T/CTCA 7-2019 Ordinary protective mask

DATE RECEIVED/DATE TEST STARTED: 2020-11-06

CONCLUSION:

pH VALUE[B]	M
FORMALDEHYDE CONTENT[A]	M
FORMALDEHYDE CONTENT[B]	M
EXTRACTABLE HEAVY METALS[A]	M
EXTRACTABLE HEAVY METALS[B]	M
BACTERIAL FILTRATION EFFICIENCY[B]	M
VISUAL FIELD[B]	M
BREAKING STRENGTH OF MASK STRING AND JUNCTION BETWEEN MASK STRING AND MASK BODY[B]	M
PARTICLE FILTRATION EFFICIENCY[B]	M
AIRFLOW RESISTANCE[B]	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 200349097.  
THE DECISION INDICATORS ARE DERIVED FROM THE STANDARD REQUIRED BY CLIENT T/CTCA 7-2019. OUR INSPECTION CAPACITY AUTHORIZED BY CMA COVERS THE INSPECTION ITEMS T/CTCA 7-2019.  
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:

Yuan Liu ENGINEER

刘圆



PAGE 1 OF 5

# TEST REPORT

(Electronic version)

No:200349098



# TEST REPORT

(Electronic version)

No:200349098



# TEST REPORT

(Electronic version)

No:200349098

<p>pH VALUE[B] (GB/T 7573-2009, 0.1mol/L KCl EXTRACTING SOLUTION) (GB/T 7573-2009 mod ISO 3071:2005)</p>	M
6.4	<p>REQUIREMENT 4.0~7.5 (T/CTCA 7-2019)</p>
<p>FORMALDEHYDE CONTENT (mg/kg) [A] (GB/T 2912.1-2009, WATER EXTRACTION METHOD) (GB/T 2912.1-2009 mod ISO 14184-1:1998)</p>	M
<p>NOT DETECTED (DETECTION LIMIT:20)</p>	<p>REQUIREMENT ≤20 (T/CTCA 7-2019)</p>
<p>FORMALDEHYDE CONTENT (mg/kg) [B] (GB/T 2912.1-2009, WATER EXTRACTION METHOD) (GB/T 2912.1-2009 mod ISO 14184-1:1998)</p>	M
<p>NOT DETECTED (DETECTION LIMIT:20)</p>	<p>REQUIREMENT ≤20 (T/CTCA 7-2019)</p>
<p>EXTRACTABLE HEAVY METALS (mg/kg) [A] (GB/T 17593.2-2007)</p>	M
<p>As NOT DETECTED (DETECTION LIMIT:0.20)</p>	<p>REQUIREMENT ≤0.2</p>
<p>Cu NOT DETECTED (DETECTION LIMIT:0.06)</p>	≤25.03
<p>Cr NOT DETECTED (DETECTION LIMIT:0.12)</p>	≤1.0
<p>Pb NOT DETECTED (DETECTION LIMIT:0.16)</p>	≤0.2
<p>Cd NOT DETECTED (DETECTION LIMIT:0.01)</p>	≤0.1
<p>Co NOT DETECTED (DETECTION LIMIT:0.02)</p>	≤1.0
<p>Ni NOT DETECTED (DETECTION LIMIT:0.05)</p>	≤1.0
<p>Sb 1.05 (DETECTION LIMIT:0.09)</p>	<p>≤30.0 (T/CTCA 7-2019)</p>



PAGE 4 OF 5

# TEST REPORT

(Electronic version)

No:200349098

**EXTRACTABLE HEAVY METALS (mg/kg) [B]** M  
 (GB/T 17593.2-2007)

	REQUIREMENT
As NOT DETECTED (DETECTION LIMIT:0.20)	≤0.2
Cu NOT DETECTED (DETECTION LIMIT:0.06)	≤25.03
Cr NOT DETECTED (DETECTION LIMIT:0.12)	≤1.0
Pb NOT DETECTED (DETECTION LIMIT:0.16)	≤0.2
Cd NOT DETECTED (DETECTION LIMIT:0.01)	≤0.1
Co NOT DETECTED (DETECTION LIMIT:0.02)	≤1.0
Ni NOT DETECTED (DETECTION LIMIT:0.05)	≤1.0
Sb 1.02 (DETECTION LIMIT:0.09)	≤30.0 (T/CTCA 7-2019)

**BACTERIAL FILTRATION EFFICIENCY (%) [B]** M

(YY 0469-2011 ANNEX B, TEST BACTERIA: STAPHYLOCOCCUS AUREUS ATCC 6538, TEST AREA: 49cm<sup>2</sup>, FLOW RATE: 28.3L/min, MEAN PARTICLE SIZE: 3.0 μm, RESULT OF THE POSITIVE CONTROL: 1.9×10<sup>3</sup> CFU, RESULT OF THE NEGATIVE CONTROL: <1CFU)

	REQUIREMENT
BFE <sub>1</sub> 99.7	≥95
BFE <sub>2</sub> 99.5	(T/CTCA 7-2019)
BFE <sub>3</sub> 99.7	

**VISUAL FIELD(°) [B]** M  
 (GB 2890-2009 6.8)

	REQUIREMENT
65	≥60 (T/CTCA 7-2019)

**BREAKING STRENGTH OF MASK STRING AND JUNCTION BETWEEN MASK STRING AND MASK BODY [B]** M

(YY 0469-2011 5.4)

	REQUIREMENT
PASS	≥10N (T/CTCA 7-2019)

**PARTICLE FILTRATION EFFICIENCY (%) [B]** M

(YY 0469-2011 5.6.2, AIR FLOW: 30L/min, AEROSOL: NaCl, AEROSOL CONCENTRATION: 15mg/m<sup>3</sup>, TEMP: 21.2℃, RH: 39.0%)

	REQUIREMENT
MINIMUM 99.841	≥80 (T/CTCA 7-2019)

**AIRFLOW RESISTANCE (Pa) [B]**

(YY 0469-2011 5.6.2, AIR FLOW: 30L/min, AEROSOL: NaCl, AEROSOL CONCENTRATION: 15mg/m<sup>3</sup>, TEMP: 21.2℃, RH: 39.0%)

	REQUIREMENT
MAXIMUM 58.6	≤80 (T/CTCA 7-2019)



—End of Report—

PAGE 5 OF 5