

# TEST REPORT

(Electronic version)



No:200024477

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

VERIFICATION CODE: ATKS-2779-04



ISSUE DATE:2020-03-08

APPLICANT: Shanghai Co, Ltd  
ADDRESS: Shanghai jinshan

APPLICANT PROVIDED SAMPLE DESCRIPTION:  
Disposable (Single-use) Protective Mask  
STYLE NO.: 2020/2/25  
COLOUR: white  
SIZE: EZKZ01  
MANUFACTURE'S NAME: Shanghai Co, Ltd

DATE RECEIVED/DATE TEST STARTED: 2020-03-07

## CONCLUSION:

pH VALUE	M
FORMALDEHYDE CONTENT	M
EXTRACTABLE HEAVY METALS	M
BACTERIAL FILTRATION EFFICIENCY	M
VISUAL FIELD	M
PARTICLE FILTRATION EFFICIENCY	M
AIRFLOW RESISTANCE	M
BREAKING STRENGTH OF MASK STRING AND JUNCTION BETWEEN MASK STRING AND MASK BODY	M

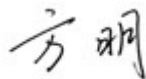
NOTE: "M" -MEET THE STANDARD'S REQUIREMENT "F" -FAIL TO MEET THE STANDARD'S REQUIREMENT  
"---" -NO COMMENT

## REMARK:

THE DECISION INDICATORS ARE DERIVED FROM THE GROUP STANDARD REQUIRED BY CLIENT (T/CTCA 7-2019). OUR INSPECTION CAPACITY AUTHORIZED BY CMA AND CAL 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:

Ming Fang ENGINEER



PAGE 1 OF 4

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**pH VALUE**

(GB/T 7573-2009, 0.1mol/L KCl EXTRACTING SOLUTION)  
(GB/T 7573-2009 MOD ISO 3071:2005)

6.7

REQUIREMENT  
4.0~7.5  
(T/CTCA 7-2019)

**FORMALDEHYDE CONTENT**

(GB/T 2912.1-2009, WATER EXTRACTION METHOD)  
(GB/T 2912.1-2009 MOD ISO 14184-1:1998)

NOT DETECTED

REQUIREMENT  
≤20 mg/kg  
(T/CTCA 7-2019)

REMARK: DETECTION LIMIT 20mg/kg

**EXTRACTABLE HEAVY METALS (mg/kg)**

(GB/T 17593.2-2007)

As NOT DETECTED  
(DETECTION LIMIT:0.20)  
Cu NOT DETECTED  
(DETECTION LIMIT:0.06)  
Cr NOT DETECTED  
(DETECTION LIMIT:0.12)  
Pb NOT DETECTED  
(DETECTION LIMIT:0.16)  
Cd NOT DETECTED  
(DETECTION LIMIT:0.01)  
Co NOT DETECTED  
(DETECTION LIMIT:0.02)  
Ni NOT DETECTED  
(DETECTION LIMIT:0.05)  
Sb NOT DETECTED  
(DETECTION LIMIT:0.09)

REQUIREMENT  
≤0.2  
≤25.03  
≤1.0  
≤0.2  
≤0.1  
≤1.0  
≤1.0  
≤30.0  
(T/CTCA 7-2019)

**BACTERIAL FILTRATION EFFICIENCY (%)**

(YY 0469-2011 ANNEX B, TEST BACTERIA: STAPHYLOCOCCUS AUREUS ATCC 6538 , TEST AREA: 40cm<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 )

BFE<sub>1</sub> 99.7  
BFE<sub>2</sub> 99.7  
BFE<sub>3</sub> 99.7

REQUIREMENT  
≥95  
(T/CTCA 7-2019)

**VISUAL FIELD(° )**

(GB 2890-2009 6.8)

65

REQUIREMENT  
≥60  
(T/CTCA 7-2019)

**PARTICLE FILTRATION EFFICIENCY (%)**

(YY 0469-2011 5.6.2, AIR FLOW:30L/min, AEROSOL:NaCl, AEROSOL CONCENTRATION:15mg/m<sup>3</sup> , TEMP:23.1℃, RH:36.0%)

MINIMUM 99.879

REQUIREMENT  
≥80  
(T/CTCA 7-2019)

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**AIRFLOW RESISTANCE (Pa)**

(YY 0469-2011 5.6.2, AIR FLOW:30L/min, AEROSOL:NaCl, AEROSOL CONCENTRATION:15mg/m<sup>3</sup> ,  
TEMP:23.1℃, RH:36.0%)

MAXIMUM 20.6

REQUIREMENT

≤80

(T/CTCA 7-2019)

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**BREAKING STRENGTH OF MASK STRING AND JUNCTION BETWEEN MASK STRING AND MASK BODY**

(YY 0469-2011 5.4)

PASS

REQUIREMENT 要求

≥10N

(T/CTCA 7-2019)

————End of Report————

PAGE 4 OF 4