

# Kaze Protective Respirator

## Junior / Mini

### Certificate and test reports

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## Determination of Inhalation and Exhalation Resistance for Air-Purifying Respirators Final Report

Test Article: Kaze Junior Protective Respiratory  
Study Number: 1340606-S01  
Study Received Date: 11 Sep 2020  
Testing Facility: Nelson Laboratories, LLC  
6280 S. Redwood Rd.  
Salt Lake City, UT 84123 U.S.A.  
Test Procedure(s): Standard Test Protocol (STP) Number: STP0145 Rev 05  
Deviation(s): None

**Summary:** This procedure was performed to evaluate the differential pressure of non-powered air-purifying particulate respirators in accordance with 42 CFR Part 84.180. The air exchange differential or breathability of respirators was measured for inhalation resistance using NIOSH procedure TEB-APR-STP-0007 and exhalation resistance with NIOSH procedure TEB-APR-STP-0003. The differential pressure technique is a simple application of a basic physical principle employing a water manometer differential upstream and downstream of the test material, at a constant flow rate.

According to 42 CFR Part 84.64, pretesting must be performed by all applicants as part of the application process with NIOSH. Results seen below are part of that pretesting and must be submitted to and accepted by NIOSH for respirator approval.

The inhalation resistance criteria as stated in 42 CFR Part 84.180 is an initial inhalation not exceeding 35 mm water column height pressure. The test articles submitted by the sponsor conform to this NIOSH criterion for airflow resistance.

The exhalation resistance criteria as stated in 42 CFR Part 84.180 is an initial exhalation not exceeding 25 mm water column height pressure. The test articles submitted by the sponsor conform to this NIOSH criterion for airflow resistance.

All test method acceptance criteria were met. Testing was performed in compliance with US FDA good manufacturing practice (GMP) regulations 21 CFR Parts 210, 211 and 820.



Robert Dieker electronically approved for  
Study Director

Curtis Gerow

06 Oct 2020 21:32 (+00:00)  
Study Completion Date and Time

**Results:**

Test Article Number	Inhalation Resistance (mm H <sub>2</sub> O)	Exhalation Resistance (mm H <sub>2</sub> O)
1	19.2	16.6
2	21.4	19.3
3	19.2	17.1

**Test Method Acceptance Criteria:** The resistance measurement for the reference plate must be within  $\pm 3$  standard deviations of the mean established in the control chart.

**Procedure:** A complete respirator was mounted to a test fixture comprised of a metal plate with an approximate 3.5 inch diameter hole in the center to allow airflow to reach the mask. The sample holder was assembled by placing a Plexiglas collar around the test fixture and topping with another metal disc with a 3.5 inch opening in the center. The sample holder is held tightly together with clamps and connected to an air source. The manometer is attached to the sample holder by a connection port on the Plexiglas collar.

Before testing, the manometer was zeroed and the back pressure in the sample holder checked and verified to be acceptable. Resistance measurements were taken with a manometer capable of measuring at least 6 inches of water. For inhalation testing, a negative airflow (vacuum) was applied. For exhalation testing, a positive airflow (compressed air) was used. Airflow was passed through the sample holder at approximately  $85 \pm 2$  liters per minute (L/min).

## Sodium Chloride (NaCl) Aerosol Test Final Report

Test Article: Kaze Junior Protective Respiratory  
Study Number: 1340607-S01  
Study Received Date: 11 Sep 2020  
Testing Facility: Nelson Laboratories, LLC  
6280 S. Redwood Rd.  
Salt Lake City, UT 84123 U.S.A.  
Test Procedure(s): Standard Test Protocol (STP) Number: STP0014 Rev 09  
Deviation(s): None

**Summary:** This procedure was performed to evaluate particulate filter penetration as specified in 42 CFR Part 84 and TEB-APR-STP-0059 for requirements on a N95 respirator. Respirators were conditioned then tested for particle penetration against a polydispersed, sodium chloride (NaCl) particulate aerosol. The challenge aerosol was dried, neutralized, and passed through the test article at a concentration not exceeding 200 mg/m<sup>3</sup>. The initial airflow resistance and particle penetration for each respirator was determined.

According to 42 CFR Part 84.64, pretesting must be performed by all applicants as part of the application process with NIOSH. Results seen below are part of that pretesting and must be submitted to and accepted by NIOSH for respirator approval.

All test method acceptance criteria were met. Testing was performed in compliance with US FDA good manufacturing practice (GMP) regulations 21 CFR Parts 210, 211 and 820.



Leah Tiberius electronically approved for  
Study Director

Curtis Gerow

19 Oct 2020 17:21 (+00:00)  
Study Completion Date and Time

**Results:** The NIOSH N95 filter efficiency as stated in 42 CFR Part 84.181 is a minimum efficiency for each filter of  $\geq 95\%$  ( $\leq 5\%$  penetration). The test articles submitted by the sponsor conform to the NIOSH N95 criteria for filter efficiency.

Test Article Number	Corrected <sup>a</sup> Initial Airflow Resistance (mm H <sub>2</sub> O)	Maximum Particle Penetration (%)	Filtration Efficiency (%)
1	23.3	0.218	99.782
2	24.8	1.05	98.95
3	26.9	0.764	99.236
4	22.5	0.922	99.078
5	20.5	0.785	99.215
6	22.3	1.26	98.74
7	16.6	0.176	99.824
8	17.2	0.978	99.022
9	17.4	0.199	99.801
10	19.2	2.69	97.31
11	20.4	1.02	98.98
12	18.2	1.21	98.79
13	16.9	0.132	99.868
14	17.3	0.555	99.445
15	23.1	0.077	99.923
16	17.4	0.750	99.250
17	19.6	0.053	99.947
18	14.6	0.569	99.431
19	15.0	0.338	99.662
20	20.0	0.352	99.648

<sup>a</sup> The final airflow resistance value for each test article was determined by subtracting out the background resistance from the system.

**Test Method Acceptance Criteria:** The filter tester must pass the “Tester Set Up” procedure. The airflow resistance and particle penetration of the reference material must be within the limits set by the manufacturer.

**Filter Test Procedure:** Prior to testing, respirators were taken out of their packaging and placed in an environment of  $85 \pm 5\%$  relative humidity (RH) and  $38 \pm 2.5^\circ\text{C}$  for  $25 \pm 1$  hours.

The filter tester used in testing was a TSI® CERTITEST® Model 8130 Automated Filter Tester that is capable of efficiency measurements of up to 99.999%. It produces a particle size distribution with a count median diameter of  $0.075 \pm 0.020$  microns ( $\mu\text{m}$ ) and a geometric standard deviation not exceeding 1.86  $\mu\text{m}$ . The mass median diameter was approximately 0.26  $\mu\text{m}$ , which is generally accepted as the most penetrating aerosol size. The reservoir was filled with a 2% NaCl solution and the instrument allowed a minimum warm-up time of 30 minutes. The main regulator pressure was set to  $75 \pm 5$  pounds per square inch (psi). The filter holder regulator pressure was set to approximately 35 psi. The NaCl aerosol generator pressure was set to approximately 30 psi and the make-up airflow rate was set to approximately 70 liters per minute (L/min).

The NaCl concentration of the test aerosol was determined in  $\text{mg}/\text{m}^3$  by a gravimetric method prior to the load test assessment. An entire respirator was mounted on a test fixture, placed into the filter holder, and the NaCl aerosol passed through the outside surface of the test article at a continuous airflow rate of  $85 \pm 4$  L/min. In accordance with NIOSH policy, three respirators were challenged until  $200 \pm 5$  mg of NaCl had contacted each test article. Based upon the load pattern of NIOSH Type 2, the initial penetration reading of the remaining 17 respirators was recorded.

HUIZHOU BOWEN MANUFACTURING LIMITED  
 XINNAN 1ST ROAD, XIANAN VILLAGE, YUANZHOU TOWN, BOLUO COUNTY, HUIZHOU CITY,  
 GUANGDONG PROVINCE, P.R.CHINA

The following sample(s) was/were submitted and identified on behalf of the client as:

Sample Description : COLOR NON-WOVEN FABRIC 16%; MELT BLOWN FABRIC 22%; HOT AIR COTTON 12%; SKIN FRIENDLY NON-WOVEN FABRIC 10%; EAR THREAD 25%; NOSE CLIP 15% JUNIOR PROTECTIVE RESPIRATOR IN WINE

Sample Color : (A)WINE  
 (A)COLOR NON-WOVEN FABRIC 16%; MELT BLOWN FABRIC 22%; HOT AIR COTTON 12%; SKIN FRIENDLY NON-WOVEN FABRIC 10%; EAR THREAD 25%; NOSE CLIP 15%

Composition : COTTON 12%; SKIN FRIENDLY NON-WOVEN FABRIC 10%; EAR THREAD 25%; NOSE CLIP 15%

Style No. : KAZE-03

Manufacturer : HUIZHOU BOWEN MANUFACTURING LIMITED

Country of Destination : Europe, USA

Sample Receiving Date : Aug 19, 2020

Testing Period : Aug 19, 2020 - Aug 25, 2020

Test Result(s) : Unless otherwise stated the results shown in this test report refer only to the sample(s) tested, for further details, please refer to the following page(s).

Test Performed : Selected test(s) as requested by applicant

Conclusion	A	Remark
Pentachlorophenol (PCP)	PASS	
Cadmium(Cd)	PASS	
Nonylphenol Ethoxylates(NPEOs)	PASS	
Short Chain Chlorinated Paraffins (SCCP)	PASS	
Phthalates	PASS	
Azo Dyes	PASS	
Organotin Compounds	PASS	
Polycyclic Aromatic Hydrocarbons(PAHs)	PASS	

Remark(s) : PASS=Meet Client's Requirement

Signed for and on behalf of  
 SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch



Lily Wang (Account Manager)



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**COMPONENT LIST / List of Materials**

Sample No.	Component No.	Description	Material	Color	Remark
A	1	Outer layer non woven fabric	Synthetic Fibers	Wine	Finished product
A	2	Melt-blown material	Synthetic Fibers	White	Finished product
A	3	Inner layer non woven fabric	Synthetic Fibers	White	Finished product
A	4	Hot air cotton	Blended Fibers	White	Finished product
A	5	Flat band	Synthetic Fibers	Wine	Finished product
A	6	Nose clip	Plastics	White	Finished product
A	7	Foam	Foam	Dark grey	Finished product
A	8	Adjuster button	Plastics	White	Finished product



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## Test Result

**European Regulation POPs (EU) 2019/1021 - Pentachlorophenol (PCP)**

Test Method: Modified §64 LFGB, BVL, B 82.02.8-2001 Alkaline (KOH) digestion, analysis was performed by GC-ECD or GC-MS.

Test Item(s)	Unit	MDL	1+2+3	4+5
Pentachlorophenol (PCP)	mg/kg	0.15	ND	ND
<b>Comment</b>			<b>PASS</b>	<b>PASS</b>

## Notes :

RL (Reporting limit): 0.15 mg/kg  
ND = Not Detected(< RL)  
**Requirement: Banned(< 0.5 mg/kg)**

**Entry 23 of Commission Regulation (EU) No 835/2012, (EU) No 494/2011 and (EU) 2016/217 amending Annex XVII of REACH Regulation (EC) No 1907/2006 - Cadmium(Cd)**

Test Method : With reference to EN 1122: 2001, Method B, analysis was performed by AAS.

Test Item(s)	Unit	MDL	6+7+8
Cadmium (Cd)	mg/kg	5	ND
<b>Comment</b>			<b>PASS</b>

## Notes :

RL (Reporting limit): 5 mg/kg  
ND = Not Detected(< RL)  
**Requirement: 100 mg/kg**



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**Entry 46a of Commission Regulation (EU) 2016/26 amending Annex XVII of REACH Regulation (EC) No 1907/2006 - Nonylphenol Ethoxylates(NPEOs)**

Test Method: With reference to ISO 18254-1:2016, analysis was performed by LC-MS

Test Item(s)	Unit	MDL	1+2+3	4+5
Nonylphenol ethoxylates (NPEOs)	mg/kg	30	ND	ND
<b>Comment</b>			<b>PASS</b>	<b>PASS</b>

Notes :

RL (Reporting limit) :30 mg/kg

ND = Not Detected(< RL)

**Requirement: 100 mg/kg**

**European Regulation POPs (EU) 2019/1021 - Short Chain Chlorinated Paraffins (SCCP)**

Test Method : With reference to ISO 18219: 2015, analysis was performed by GC-NCI-MS / GC-ECD.

Test Item(s)	Unit	MDL	6+7+8
Alkanes C10-C13, chloro (short-chain chlorinated paraffins) (SCCPs)	mg/kg	50	ND
<b>Comment</b>			<b>PASS</b>

Notes :

RL (Reporting limit): 50 mg/kg

ND = Not Detected(< RL)

**Requirement: 1500 mg/kg**



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**Entry 51 of Commission Regulation (EU) 2018/2005 amending Annex XVII Regulation (EC) No 1907/2006 - Phthalates**

Test Method : With reference to EN14372: 2004. Analysis was performed by GC-MS.

Test Item(s)	CAS NO	Unit	MDL	6+7+8
Dibutyl Phthalate (DBP)	84-74-2	mg/kg	30	ND
Benzylbutyl Phthalate (BBP)	85-68-7	mg/kg	30	ND
Bis(2-ethylhexyl) Phthalate (DEHP)	117-81-7	mg/kg	30	ND
Diisobutyl Phthalate (DIBP)	84-69-5	mg/kg	30	ND
Total (DBP + BBP + DEHP+DIBP)	-	mg/kg	30	ND

**Comment**

**PASS**

Notes :

RL (Reporting limit): 30 mg/kg (each)

ND = Not Detected(< RL)

**Requirement: Total (BBP+DBP+DEHP+DIBP) <1000 mg/kg**



**Entry 43 of Regulation (EC) No 552/2009 amending Annex XVII of REACH Regulation (EC) No 1907/2006 - Azo Dyes(Direct reduction approach)**

Test Method : According to EN ISO 14362-1:2017, analysis was performed by GC-MS/ HPLC-DAD.  
 Determination of 4-aminoazobenzene (CAS No.:60-09-3) – EN ISO 14362-3:2017, analysis was performed by GC-MS/ HPLC-DAD.

Test Item(s)	CAS NO	Unit	MDL	1+5
4-Aminobiphenyl	92-67-1	mg/kg	5	ND
Benzidine	92-87-5	mg/kg	5	ND
4-chloro-o-toluidine	95-69-2	mg/kg	5	ND
2-naphthylamine	91-59-8	mg/kg	5	ND
o-aminoazotoluene	97-56-3	mg/kg	5	ND
5-nitro-o-toluidine / 2-Amino-4-nitrotoluene	99-55-8	mg/kg	5	ND
4-chloroaniline	106-47-8	mg/kg	5	ND
4-methoxy-m-phenylenediamine / 2,4-Diaminoanisole	615-05-4	mg/kg	5	ND
4,4'-diaminodiphenylmethane	101-77-9	mg/kg	5	ND
3,3'-dichlorobenzidine	91-94-1	mg/kg	5	ND
3,3'-dimethoxybenzidine	119-90-4	mg/kg	5	ND
3,3'-dimethylbenzidine	119-93-7	mg/kg	5	ND
4,4'-methylenedi-o-toluidine/3,3'-Dimethyl-4,4'-diaminodiphenylmethane	838-88-0	mg/kg	5	ND
p-cresidine	120-71-8	mg/kg	5	ND
4,4'-methylene-bis-(2-chloroaniline)	101-14-4	mg/kg	5	ND
4,4'-oxydianiline	101-80-4	mg/kg	5	ND
4,4'-thiodianiline	139-65-1	mg/kg	5	ND
o-toluidine	95-53-4	mg/kg	5	ND
4-methyl-m-phenylenediamine / 2,4-Toluyldiamine	95-80-7	mg/kg	5	ND
2,4,5-trimethylaniline	137-17-7	mg/kg	5	ND
4-aminoazobenzene	60-09-3	mg/kg	5	ND
O-Anisidine	90-04-0	mg/kg	5	ND
<b>Comment</b>				<b>PASS</b>



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Notes :

RL (Reporting limit): 5 mg/kg (for individual compound)

ND = Not Detected(< RL)

**Requirement: 30 mg/kg (for individual compound)**

(1) Method A is direct reduction, direct reduction refers to the extraction and reduction according to ISO 14362-1:2017 clause 10.2 and relevant clauses. Method B is colorant extraction, colorant extraction refers to the colourant extraction and subsequent reduction according to ISO 14362-1:2017 clause 10.1 and relevant clauses. (2) The ISO 14362-1:2017 methods will enable further cleavage of 4 aminoazobenzene to non forbidden amines: aniline and 1,4 phenylenediamine, therefore, the test method of ISO

14362-3:2017 was employed to verify the presence of 4 aminoazobenzene.

(3) Max. limit specified by entry 43 of Regulation (EC) No 552/2009 amending Annex XVII of REACH Regulation (EC) No 1907/2006 (previously restricted under Directive 2002/61/EC).

(4) Whenever 4-aminodiphenyl (CAS number 92-67-1), 2-naphylamine (CAS number 91-59-8) and 4-methoxy-m-phenylene-diamine (CAS number 615-05-4) is found, the use of banned azo colorants cannot be reliably ascertained without additional information, e.g. the chemical structure of the colorants used. In case polyurethane materials are used, e.g. PU foams and coatings and in prints, it cannot be ruled out that certain amines, e.g. 4,4'-methylene-dianiline (MDA, CAS number 101-77-9) and 2,4-toluylen-diamine (TDA, CAS number 95-80-7) are released from the PU component and not from a banned azo colorant. In case of pigment prints care has to be taken that 4,4'-methylene-dianiline (MDA, CAS number 101-77-9) is not released from a source of banned azo colorants but from e.g. a chemical fixing agent.



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**Entry 43 of Regulation (EC) No 552/2009 amending Annex XVII of REACH Regulation (EC) No 1907/2006 - Azo Dyes (Colorant extraction approach)**

Test Method : According to EN ISO 14362-1:2017, analysis was performed by GC-MS/ HPLC-DAD.  
 Determination of 4-aminoazobenzene (CAS No.:60-09-3) – EN ISO 14362-3:2017, analysis was performed by GC-MS/ HPLC-DAD.

Test Item(s)	CAS NO	Unit	MDL	1+5
4-Aminobiphenyl	92-67-1	mg/kg	5	ND
Benzidine	92-87-5	mg/kg	5	ND
4-chloro-o-toluidine	95-69-2	mg/kg	5	ND
2-naphthylamine	91-59-8	mg/kg	5	ND
o-aminoazotoluene	97-56-3	mg/kg	5	ND
5-nitro-o-toluidine / 2-Amino-4-nitrotoluene	99-55-8	mg/kg	5	ND
4-chloroaniline	106-47-8	mg/kg	5	ND
4-methoxy-m-phenylenediamine / 2,4-Diaminoanisole	615-05-4	mg/kg	5	ND
4,4'-diaminodiphenylmethane	101-77-9	mg/kg	5	ND
3,3'-dichlorobenzidine	91-94-1	mg/kg	5	ND
3,3'-dimethoxybenzidine	119-90-4	mg/kg	5	ND
3,3'-dimethylbenzidine	119-93-7	mg/kg	5	ND
4,4'-methylenedi-o-toluidine/3,3'-Dimethyl-4,4'-diaminodiphenylmethane	838-88-0	mg/kg	5	ND
p-cresidine	120-71-8	mg/kg	5	ND
4,4'-methylene-bis-(2-chloroaniline)	101-14-4	mg/kg	5	ND
4,4'-oxydianiline	101-80-4	mg/kg	5	ND
4,4'-thiodianiline	139-65-1	mg/kg	5	ND
o-toluidine	95-53-4	mg/kg	5	ND
4-methyl-m-phenylenediamine / 2,4-Toluyldiamine	95-80-7	mg/kg	5	ND
2,4,5-trimethylaniline	137-17-7	mg/kg	5	ND
4-aminoazobenzene	60-09-3	mg/kg	5	ND
O-Anisidine	90-04-0	mg/kg	5	ND
<b>Comment</b>				<b>PASS</b>



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Notes :

RL (Reporting limit): 5 mg/kg (for individual compound)

ND = Not Detected(< RL)

**Requirement: 30 mg/kg (for individual compound)**

(1) Method A is direct reduction, direct reduction refers to the extraction and reduction according to ISO 14362-1:2017 clause 10.2 and relevant clauses. Method B is colorant extraction, colorant extraction refers to the colourant extraction and subsequent reduction according to ISO 14362-1:2017 clause 10.1 and relevant clauses. (2) The ISO 14362-1:2017 methods will enable further cleavage of 4 aminoazobenzene to non forbidden amines: aniline and 1,4 phenylenediamine, therefore, the test method of ISO 14362-3:2017 was employed to verify the presence of 4 aminoazobenzene.

(3) Max. limit specified by entry 43 of Regulation (EC) No 552/2009 amending Annex XVII of REACH Regulation (EC) No 1907/2006 (previously restricted under Directive 2002/61/EC).

(4) Whenever 4-aminodiphenyl (CAS number 92-67-1), 2-naphylamine (CAS number 91-59-8) and 4-methoxy-m-phenylene-diamine (CAS number 615-05-4) is found, the use of banned azo colorants cannot be reliably ascertained without additional information, e.g. the chemical structure of the colorants used. In case polyurethane materials are used, e.g. PU foams and coatings and in prints, it cannot be ruled out that certain amines, e.g. 4,4'-methylene-dianiline (MDA, CAS number 101-77-9) and 2,4-toluylen-diamine (TDA, CAS number 95-80-7) are released from the PU component and not from a banned azo colorant. In case of pigment prints care has to be taken that 4,4'-methylene-dianiline (MDA, CAS number 101-77-9) is not released from a source of banned azo colorants but from e.g. a chemical fixing agent.



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**Entry 20 of Regulation (EC) No 276/2010 amending Annex XVII of REACH Regulation (EC) No 1907/2006 - Organotin Compounds**

Test Method : SGS In-house method (GZTC CHEM-TOP-031, with reference to ISO 17353:2004), analysis was performed by GC-MS

Test Item(s)	Unit	MDL	1+2+3	4+5	6+7+8
Dibutyl tin (DBT) by weight of Tin	mg/kg	100	ND	ND	ND
Diocetyl tin (DOT) by weight of Tin	mg/kg	100	ND	ND	ND
Tributyl tin (TBT) by weight of Tin	mg/kg	100.00	ND	ND	ND
Triphenyl tin (TPhT) by weight of Tin	mg/kg	100.00	ND	ND	ND
Tricyclohexyltin (TCyT) by weight of Tin	mg/kg	100.00	ND	ND	ND
Trioctyltin (TOT) by weight of Tin	mg/kg	100.00	ND	ND	ND
Tripropyltin (TPT) by weight of Tin	mg/kg	100	ND	ND	ND
Trimethyltin(TMT) by weight of Tin	mg/kg	100.00	ND	ND	ND
Σ of Tri substituted organotin compounds calculated as tin	mg/kg	100	ND	ND	ND
<b>Comment</b>			<b>PASS</b>	<b>PASS</b>	<b>PASS</b>

Notes :

RL (Reporting limit): 100 mg/kg (for individual compound)

ND = Not Detected (< RL)

**Requirement:**

**Tri substituted Organotin compound (TBT,TPhT,TCyT,TPT,TOT,TMT): 1000 mg/kg by weight of tin (sum)**

**DBT: 1000 mg/kg by weight of tin**

**DOT: 1000 mg/kg by weight of tin**



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**Entry 50 of Commission Regulation (EU) No 1272/2013 amending Annex XVII of REACH Regulation (EC) No 1907/2006 - Polycyclic Aromatic Hydrocarbons(PAHs)**

Test Method : With reference to AfPS GS 2019:01 PAK, analysis was performed by GC-MS.

Test Item(s)	CAS NO	Unit	MDL	7+8
Benzo(a)anthracene(BaA)	56-55-3	mg/kg	0.1	ND
Chrysene(CHR)	218-01-9	mg/kg	0.1	ND
Benzo(b)fluoranthene(BbF)	205-99-2	mg/kg	0.1	ND
Benzo(j)fluoranthene(BjF)	205-82-3	mg/kg	0.1	ND
Benzo(k)fluoranthene(BkF)	207-08-9	mg/kg	0.1	ND
Benzo(a)pyrene(BaP)	50-32-8	mg/kg	0.1	ND
Benzo(e)pyrene(BeP)	192-97-2	mg/kg	0.1	ND
Dibenzo(a,h)anthracene(DBA)	53-70-3	mg/kg	0.1	ND
<b>Comment</b>				<b>PASS</b>

Notes :

RL (Reporting limit): 0.1 mg/kg (each)

ND = Not Detected(< RL)

**Requirement: 1 mg/kg (each)**

Sample Photo



The statement of conformity in this test report is only based on measured values by the laboratory and does not take their uncertainties into consideration.

\*\*\*End of Report\*\*\*



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# 检验检测报告

Test Report



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客户 提供 信息 及 要求 Information Provided by Client	委托单位/地址 Applicant	惠州博文制造有限公司 Huizhou Bowen Manufacturing Limited 广东省惠州市博罗县园洲镇下南村新南一路 Xinnan 1st Road, Xianan Village, Yuanzhou Town, Boluo County, Huizhou City, Guangdong Province, P. R. China			送样人: Contact /
	生产单位/地址 Manufacturer	惠州博文制造有限公司 Huizhou Bowen Manufacturing Limited 广东省惠州市博罗县园洲镇下南村新南一路 Xinnan 1st Road, Xianan Village, Yuanzhou Town, Boluo County, Huizhou City, Guangdong Province, P. R. China			
	样品信息 Information of Submitted Sample	样品名称: Sample Name	儿童防护口罩 Junior Protective Respirator	商标: Trademark	KAZE
		样品总数: Sample Count	60个 60Pieces		
		号型规格: Size	折叠型口罩 FOLD MASK	颜色: Colour	/
	质量等级: Quality Grade	/	安全类别: Safety Category	/	
	判定标准: Test Standards	产品款号或货号: Style No. or Order No. 2020-08			
	判定标准: Test Standards	GB/T 38880-2020 儿童口罩技术规范 (儿童防护口罩) Technical specification of children mask (Children Protective Mask)			
	样品描述 Test Part Description	1# 白色口罩 White Mask			
	检验性质 Test Type	委托检验 Commission Test	样品接收日期 Date of Submission	2020-08-22	报告发布日期 Date of Check 2020-08-29
	检验日期 Test Date	2020-08-22		到 To	2020-08-29
	执行标准 Test Standards	见附页 See next page(s)			
	检验结论 Conclusion	检验结果及符合性见附页。 Test results and compliance refer to next page(s).			检测专用章 (e)
	备注 Remarks	何振签字领域: 微生物检测项目; 单学蕾签字领域: 除微生物检测项目以外的全部检测项目。 Signature Field of He Zhen: Microbe test item; Signature Field of Shan Xuele: All test items except for Microbe test item. 客户要求颗粒物过滤效率测试初始过滤效率, 并按GB/T 38880-2020标准判定。 As per client's request, the initial filtration efficiency is tested for particle Filtration Efficiency, and judged according to the standard GB/T 38880-2020.			



批准:  
Approver

单学蕾

审核:  
Checker

吴春英

编制:  
Editor

于舒荔



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国家服装质量监督检验中心 (天津)

National Clothing Quality Inspection & Supervision Center(Tianjin)

国家针织产品质量监督检验中心

National Knitted Product Quality Inspection & Supervision Center

# 检验检测报告

Test Report

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检测项目 Test Items	项目描述 Description	单位 Unit	标准值 Standard Requirement	实测值 Results	评价 Conclusions	执行标准/备注 Test Method/ Remarks
1# 白色口罩 White Mask						
颗粒物过滤效率 Particle Filtration Efficiency	/	%	≥95	初始过滤效率 Initial Filtration Efficiency: 未预处理样品 Samples Without Pretreatment: 1: 99.0 2: 99.3 3: 99.6 4: 99.1 5: 99.1 预处理样品 Samples With Pretreatment: 1: 99.1 2: 99.2 3: 99.1 4: 99.0 5: 99.0 最小值Minimum: 99.0	符合 Pass	GB/T 32610-2016
阻燃性能 Flame Retardation Properties	/	s	≤5	0	符合 Pass	YY 0469-2011
甲醛含量 Formaldehyde Content	/	mg/kg	≤20	未检出 (低于检出限20mg/kg) Undetected (< 20mg/kg)	符合 Pass	GB/T 2912.1-2009
pH值 pH Value	氯化钾萃取 KCl Extract	/	4.0~7.5	6.5	符合 Pass	GB/T 7573-2009



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可迁移性荧光增白物 Transferable Fluorescent Brighteners	荧光增白剂 C. I. 220 Fluorescent Brightener C. I. 220	mg/kg	不得检出 Not Detected	未检出 (低于检出限70mg/kg) Undetected ( < 70mg/kg)	符合 Pass	FZ/T 01137-2016
	荧光增白剂 C. I. 85 Fluorescent Brightener C. I. 85	mg/kg	不得检出 Not Detected	未检出 (低于检出限40mg/kg) Undetected ( < 40mg/kg)		
	荧光增白剂 C. I. 113 Fluorescent Brightener C. I. 113	mg/kg	不得检出 Not Detected	未检出 (低于检出限40mg/kg) Undetected ( < 40mg/kg)		
	荧光增白剂 C. I. 351 Fluorescent Brightener C. I. 351	mg/kg	不得检出 Not Detected	未检出 (低于检出限1mg/kg) Undetected ( < 1mg/kg)		
	荧光增白剂 C. I. 71 Fluorescent Brightener C. I. 71	mg/kg	不得检出 Not Detected	未检出 (低于检出限20mg/kg) Undetected ( < 20mg/kg)		
	荧光增白剂 C. I. 162 Fluorescent Brightener C. I. 162	mg/kg	不得检出 Not Detected	未检出 (低于检出限10mg/kg) Undetected ( < 10mg/kg)		
	荧光增白剂 C. I. 140 Fluorescent Brightener C. I. 140	mg/kg	不得检出 Not Detected	未检出 (低于检出限4mg/kg) Undetected ( < 4mg/kg)		
	荧光增白剂 C. I. 135 Fluorescent Brightener C. I. 135	mg/kg	不得检出 Not Detected	未检出 (低于检出限1mg/kg) Undetected ( < 1mg/kg)		
	荧光增白剂 C. I. 199 Fluorescent Brightener C. I. 199	mg/kg	不得检出 Not Detected	未检出 (低于检出限2mg/kg) Undetected ( < 2mg/kg)		



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微生物 Microbe	大肠菌群 Coliform Group	/	不得检出 Not Detected	未检出 Undetected	符合 Pass	GB 15979-2002
	致病性化脓菌 (绿脓杆菌) Pathogenic Pyogenic Bacteria (Pseudomonas Aeruginosa)	/	不得检出 Not Detected	未检出 Undetected		
	致病性化脓菌 (金黄色葡萄球菌) Pathogenic Pyogenic Bacteria (Staphylococcus Aureus)	/	不得检出 Not Detected	未检出 Undetected		
	致病性化脓菌 (溶血性链球菌) Pathogenic Pyogenic Bacteria (Hemolytic Streptococcus)	/	不得检出 Not Detected	未检出 Undetected		
	真菌菌落总数 Total Counts of Fungal Colonies	cfu/g	≤100	<20		
	细菌菌落总数 Total Counts of Bacterial Colonies	cfu/g	≤200	<20		



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外观质量要求 Appearance Quality Requirement	/	/	口罩与皮肤直接接触的内层材料不应印花或者染色；口罩不应存在外露金属物，表面不应有破损、油污斑渍、变形及其他明显的缺陷 The material of the mask contact in the skin should not be dyeing or printing, the mask should have no exposed metal matters, and have no damage, oil stain, deformation and other obvious defects on the surface.	+	符合 Pass	GB/T 38880-2020
尖端和边缘锐利性 Sharp Points and Sharp Edges	/	/	不应存在可触及的锐利尖端和锐利边缘 Touchable sharp points and sharp edges are not allowed	不存在可触及的锐利尖端和锐利边缘 Have no touchable sharp points and sharp edges	符合 Pass	GB/T 31702-2015
鼻夹长度 Nose Clip Length	/	cm	≥5.5	8.8	符合 Pass	GB/T 38880-2020
鼻夹耐折性 Flexing Resistance of Nose Clip	/	/	不应断裂 Should not break	+	符合 Pass	GB/T 38880-2020



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检测项目 Test Items	项目描述 Description	单位 Unit	标准值 Standard Requirement	实测值 Results	评价 Conclusions	执行标准/备注 Test Method/ Remarks
口罩带及口罩带与口罩体的连接处断裂强力 Breaking Strength of The Mask Belt and The Joint Between The Mask Belt and The Mask Body	/	N	≥15	39	符合 Pass	GB/T 32610-2016

表中“+”为符合标准要求，“×”表示不符合标准要求。

+ Meet the standard requirements, X Not Meet the standard requirements.



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National Knitted Product Quality Inspection & Supervision Center

# 检验检测报告

Test Report

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TTS-WT20232353

## 样品 Sample







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# 天纺标检测认证股份有限公司

TianFangBiao Standardization Certification & Testing Co.,Ltd.

国家服装质量监督检验中心 (天津)

National Clothing Quality Inspection & Supervision Center(Tianjin)

国家针织产品质量监督检验中心

National Knitted Product Quality Inspection & Supervision Center

# 检验检测报告

Test Report

## 【注意事项】

## POINTS FOR ATTENTION

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1. 检验报告无“检验专用章”无效。  
Report is invalid without stamp of "special seal for the test report".
2. 复制报告未重新加盖“检验专用章”无效。  
Copy report is invalid without re-stamp of "special seal for the test report".
3. 报告无编写、审核、批准人签字无效。  
Report is invalid without collective signatures by editor, checker and approver.
4. 检验报告涂改无效。  
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5. 检验报告或复制报告未加盖骑缝章无效 (报告页数多于1页时)。  
Report and copy report is invalid without stamp of "Paging Seal" (When the page number more than 1).
6. 委托检验仅对来样负责, 不承担其他连带责任。  
Unless otherwise stated the results shown in this report refer only the sample(s) tested.
7. 对于检验结果若有异议, 应于收到报告之日起十五日内向本机构提出, 逾期不予受理。  
Objection should be issued in 15 days upon receiving the report, overdue opinion is inadmissible.
8. 未经本机构书面批准, 部分复制报告无效。  
Part copy report is invalid without the approval of the written documents of the testing organization.

-----报告结束 End of report-----

注意事项以中文为准 The English edition is for reference only

### 天纺标集团检测单位与地址 Tianfangbiao Groups Others Testing Location

<p>天纺标检测认证股份有限公司 Tianfangbiao Standardization Certification &amp; Testing Co., Ltd. 国家服装质量监督检验中心 (天津) China National Clothing Quality Inspection &amp; Supervision Center (Tianjin) 国家针织产品质量监督检验中心 China National Knitted Product Quality Supervision Testing Center 地址: 天津市南开区鹊桥路25号 Address: No.25, Queqiao Road, Nankai District, Tianjin, China</p>
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# 检验检测报告

Test Report

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T T T S - W T 2 0 2 2 6 9 6 5

客户提供信息及要求 Information Provided by Client	委托单位/地址 Applicant	惠州博文制造有限公司 Huizhou Bowen Manufacturing Limited 广东省惠州市博罗县园洲镇下南村新南一路 Xinnan 1st Road, Xianan Village, Yuanzhou Town, Boluo County, Huizhou City, Guangdong Province, P. R. China			送样人: Contact	/
	生产单位/地址 Manufacturer	惠州博文制造有限公司 Huizhou Bowen Manufacturing Limited 广东省惠州市博罗县园洲镇下南村新南一路 Xinnan 1st Road, Xianan Village, Yuanzhou Town, Boluo County, Huizhou City, Guangdong Province, P. R. China				
	样品信息 Information of Submitted Sample	样品名称: Sample Name	儿童防护口罩 Junior Protective Respirator	商标: Trademark	KAZE	
		样品总数: Sample Count	80个 80Pieces			
		号型规格: Size	折叠型口罩 FOLD MASK	颜色: Colour	/	
	质量等级: Quality Grade	/	安全类别: Safety Category	/		
	产品款号或货号: Style No. or Order No.	2020-08				
	判定标准: Test Standards	GB/T 38880-2020 儿童口罩技术规范 (防护口罩) Technical specification of children mask (Protective Mask)				
	样品描述 Test Part Description	见第2页 See Page 2				
	检验性质 Test Type	委托检验 Commission Test	样品接收日期 Date of Submission	2020-08-12	报告发布日期 Date of checking	2020-08-19
	检验日期 Test Date	2020-08-12		到 To	2020-08-19	
	执行标准 Test Standards	见附页 See next page(s)				
	检验结论 Conclusion	检验结果及符合性见附页。 Test results and compliance refer to next page(s).				
	备注 Remarks	何振签字领域: 微生物检测项目; 单学蕾签字领域: 除微生物检测项目以外的全部检测项目。 Signature Field of He Zhen: Microbe test item; Signature Field of Shan Xuelei: All test items except for Microbe test item. 客户要求颗粒物过滤效率测试初始过滤效率, 并按GB/T 38880-2020标准判定。 As per client's request, the initial filtration efficiency is tested for particle Filtration Efficiency, and judged according to the standard GB/T 38880-2020.				

批准:  
Approver

单学蕾

审核:  
Checker

吴春英

编制:  
Editor

于舒荔



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# 检验检测报告

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## 样品描述 Test Part Description

- 01# 口罩-酒红色Mask-Wine
- 02# 口罩-浅灰色Mask-Light Grey
- 03# 口罩-粉色Mask-Pink
- 04# 口罩-浅蓝色Mask-Light Blue
- 05# 口罩-玫红色Mask-Rose
- 06# 口罩-橙色Mask-Orange
- 07# 口罩-红色Mask-Red
- 08# 口罩-深蓝色Mask-Dark Blue
- 09# 口罩-米黄色Mask-Beige
- 10# 口罩-绿色Mask-Green
- 11# 口罩-紫色Mask-Purple
- 12# 口罩-深绿色Mask-Dark Green



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检验检测报告

Test Report

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检测项目 Test Items	项目描述 Description	单位 Unit	标准值 Standard Requirement	实测值 Results	评价 Conclusions	执行标准/备注 Test Method/ Remarks
01# 口罩-酒红色Mask-Wine						
甲醛含量 Formaldehyde Content	/	mg/kg	≤20	未检出 (低于检出限20mg/kg) Undetected (< 20mg/kg)	符合 Pass	GB/T 2912.1-2009
02# 口罩-浅灰色Mask-Light Grey						
pH值 pH Value	氯化钾萃取 KCl Extract	/	4.0~7.5	6.4	符合 Pass	GB/T 7573-2009
03# 口罩-粉色Mask-Pink						
外观质量要求 Appearance Quality Requirement	/	/	口罩与皮肤直接接触的内层材料不应印花或者染色; 口罩不应存在外露金属物, 表面不应有破损、油污斑渍、变形及其他明显的缺陷 The material of the mask contact in the skin should not be dyeing or printing, the mask should have no exposed metal matters, and have no damage, oil stain, deformation and other obvious defects on the surface.	+	符合 Pass	GB/T 38880-2020*
04# 口罩-浅蓝色Mask-Light Blue						



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# 检验检测报告

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检测项目 Test Items	项目描述 Description	单位 Unit	标准值 Standard Requirement	实测值 Results	评价 Conclusions	执行标准/备注 Test Method/ Remarks
可迁移性荧光增白物 Transferable Fluorescent Brighteners	荧光增白剂 C. I. 220 Fluorescent Brightener C. I. 220	mg/kg	不得检出 Not Detected	未检出 (低于检出限70mg/kg) Undetected ( < 70mg/kg)	符合 Pass	FZ/T 01137-2016
	荧光增白剂 C. I. 85 Fluorescent Brightener C. I. 85	mg/kg	不得检出 Not Detected	未检出 (低于检出限40mg/kg) Undetected ( < 40mg/kg)		
	荧光增白剂 C. I. 113 Fluorescent Brightener C. I. 113	mg/kg	不得检出 Not Detected	未检出 (低于检出限40mg/kg) Undetected ( < 40mg/kg)		
	荧光增白剂 C. I. 351 Fluorescent Brightener C. I. 351	mg/kg	不得检出 Not Detected	未检出 (低于检出限1mg/kg) Undetected ( < 1mg/kg)		
	荧光增白剂 C. I. 71 Fluorescent Brightener C. I. 71	mg/kg	不得检出 Not Detected	未检出 (低于检出限20mg/kg) Undetected ( < 20mg/kg)		
	荧光增白剂 C. I. 162 Fluorescent Brightener C. I. 162	mg/kg	不得检出 Not Detected	未检出 (低于检出限10mg/kg) Undetected ( < 10mg/kg)		
	荧光增白剂 C. I. 140 Fluorescent Brightener C. I. 140	mg/kg	不得检出 Not Detected	未检出 (低于检出限4mg/kg) Undetected ( < 4mg/kg)		
	荧光增白剂 C. I. 135 Fluorescent Brightener C. I. 135	mg/kg	不得检出 Not Detected	未检出 (低于检出限1mg/kg) Undetected ( < 1mg/kg)		
	荧光增白剂 C. I. 199 Fluorescent Brightener C. I. 199	mg/kg	不得检出 Not Detected	未检出 (低于检出限2mg/kg) Undetected ( < 2mg/kg)		
05#	口罩-玫红色Mask-Rose					



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# 检验检测报告

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检测项目 Test Items	项目描述 Description	单位 Unit	标准值 Standard Requirement	实测值 Results	评价 Conclusions	执行标准/备注 Test Method/ Remarks
颗粒物过滤效率 Particle Filtration Efficiency	/	%	≥95	初始过滤效率 Initial Filtration Efficiency: 未预处理样品 Samples Without Pretreatment: 1: 99.2 2: 99.3 3: 99.1 4: 99.3 5: 99.2 预处理样品 Samples With Pretreatment: 1: 99.6 2: 99.3 3: 99.8 4: 98.9 5: 99.2 最小值Minimum: 98.9	符合 Pass	GB/T 32610-2016
06# 口罩-橙色Mask-Orange						
鼻夹长度 Nose Clip Length	/	cm	≥5.5	8.5	符合 Pass	GB/T 38880-2020*
07# 口罩-红色Mask-Red						
鼻夹耐折性 Flexing Resistance of Nose Clip	/	/	不应断裂 Should not break	+	符合 Pass	GB/T 38880-2020*
08# 口罩-深蓝色Mask-Dark Blue						
口罩带及口罩带与口罩体的连接处断裂强力 Breaking Strength of The Mask Belt and The Joint Between The Mask Belt and The Mask Body	/	N	≥15	35	符合 Pass	GB/T 32610-2016
09# 口罩-米黄色Mask-Beige						
阻燃性能 Flame Retardation Properties	/	s	≤5	0	符合 Pass	YY 0469-2011
10# 口罩-绿色Mask-Green						



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# 检验检测报告

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检测项目 Test Items	项目描述 Description	单位 Unit	标准值 Standard Requirement	实测值 Results	评价 Conclusions	执行标准/备注 Test Method/ Remarks
尖端和边缘锐利性 Sharp Points and Sharp Edges	/	/	不应存在可触及的锐利尖端和锐利边缘 Touchable sharp points and sharp edges are not allowed	不存在可触及的锐利尖端和锐利边缘 Have no touchable sharp points and sharp edges	符合 Pass	GB/T 31702-2015
11# 口罩-紫色Mask-Purple						
微生物 Microbe	大肠菌群 Coliform Group	/	不得检出 Not Detected	未检出 Undetected	符合 Pass	GB 15979-2002
	致病性化脓菌 (绿脓杆菌) Pathogenic Pyogenic Bacteria (Pseudomonas Aeruginosa)	/	不得检出 Not Detected	未检出 Undetected		
	致病性化脓菌 (金黄色葡萄球菌) Pathogenic Pyogenic Bacteria (Staphylococcus Aureus)	/	不得检出 Not Detected	未检出 Undetected		
	致病性化脓菌 (溶血性链球菌) Pathogenic Pyogenic Bacteria (Hemolytic Streptococcus)	/	不得检出 Not Detected	未检出 Undetected		
	真菌菌落总数 Total Counts of Fungal Colonies	cfu/g	≤100	<20		
	细菌菌落总数 Total Counts of Bacterial Colonies	cfu/g	≤200	<20		
12# 口罩-深绿色Mask-Dark Green						



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# 检验检测报告

Test Report

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检测项目 Test Items	项目描述 Description	单位 Unit	标准值 Standard Requirement	实测值 Results	评价 Conclusions	执行标准/备注 Test Method/ Remarks
甲醛含量 Formaldehyde Content	/	mg/kg	≤20	未检出 (低于检出限20mg/kg) Undetected (< 20mg/kg)	符合 Pass	GB/T 2912.1-2009

表中“+”为符合标准要求，“×”表示不符合标准要求。

+ Meet the standard requirements, X Not Meet the standard requirements.

“\*”表示不在CNAS、CMA、CAL授权范围内。

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国家服装质量监督检验中心(天津)  
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# 检验检测报告

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## 样品 Sample





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# 检验检测报告

Test Report

## 【注意事项】

## POINTS FOR ATTENTION

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- 1.检验报告无“检验专用章”无效。  
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- 2.复制报告未重新加盖“检验专用章”无效。  
Copy report is invalid without re-stamp of "special seal for the test report".
- 3.报告无编写、审核、批准人签字无效。  
Report is invalid without collective signatures by editor, checker and approver.
- 4.检验报告涂改无效。  
Report is invalid if altered.
- 5.检验报告或复制报告未加盖骑缝章无效(报告页数多于1页时)。  
Report and copy report is invalid without stamp of "Paging Seal" (When the page number more than 1).
- 6.委托检验仅对来样负责,不承担其他连带责任。  
Unless otherwise stated the results shown in this report refer only the sample(s) tested.
- 7.对于检验结果若有异议,应于收到报告之日起十五日内向本机构提出,逾期不予受理。  
Objection should be issued in 15 days upon receiving the report, overdue opinion is inadmissible.
- 8.未经本机构书面批准,部分复制报告无效。  
Part copy report is invalid without the approval of the written documents of the testing organization.

-----报告结束 End of report-----

注意事项以中文为准 The English edition is for reference only

### 天纺标集团检测单位与地址 Tianfangbiao Groups Others Testing Location

天纺标检测认证股份有限公司 Tianfangbiao Standardization Certification & Testing Co., Ltd. 国家服装质量监督检验中心(天津) China National Clothing Quality Inspection & Supervision Center (Tianjin) 国家针织产品质量监督检验中心 China National Knitted Product Quality Supervision Testing Center 地址:天津市南开区鹊桥路25号 Address: No.25, Queqiao Road, Nankai District, Tianjin, China
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TTTS-WF20000040

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客户提供信息及要求 Information Provided by Client	委托单位/地址 Applicant	惠州博文制造有限公司 Huizhou Bowen Manufacturing Limited 广东省惠州市博罗县园洲镇下南村新南一路 Xinnan 1st Road, Xianan Village, Yuanzhou Town, Boluo County, Huizhou City, Guangdong Province, P. R. China		送样人: Contact	/	
	生产单位/地址 Manufacturer	惠州博文制造有限公司 Huizhou Bowen Manufacturing Limited 广东省惠州市博罗县园洲镇下南村新南一路 Xinnan 1st Road, Xianan Village, Yuanzhou Town, Boluo County, Huizhou City, Guangdong Province, P. R. China				
	样品信息 Information of Submitted Sample	样品名称: Sample Name	儿童防护口罩 Junior Protective Respirator	商标: Trademark	KAZE	
		样品总数: Sample Count	80个 80Pieces	颜色: Colour	/	
	号型规格: Size	折叠型口罩 FOLD MASK	安全类别: Safety Category	/		
	质量等级: Quality Grade	/	产品款号或货号: Style No. or Order No.	2020-11		
判定标准: Test Standards	GB/T 38880-2020 儿童口罩技术规范 (防护口罩) Technical specification of children mask (Protective Mask)					
样品描述 Test Part Description	1# 口罩Mask-深灰色Espresso 2# 口罩Mask-浅杏色Light Blush 3# 口罩Mask-浅灰色Silver Grey 4# 口罩Mask-米白色Champagne 5# 口罩Mask-杏色Natural Sand 6# 口罩Mask-黑灰色Dark Grey 7# 口罩Mask-黑色Black 8# 口罩Mask-黑色十字纹Black Cross					
检验性质 Test Type	委托检验 Commission Test	样品接收日期 Date of Submission	2020-11-23	报告发出日期 Date of Checking	2020-11-30	
检验日期 Test Date	2020-11-23		到 To	2020-11-30		
执行标准 Test Standards	见附页 See next page(s)					
检验结论 Conclusion	检验结果及符合性见附页。 Test results and compliance refer to next page(s). 检验单位盖章 Stamp of Inspection Unit					
备注 Remarks	何振签字领域: 微生物检测项目; 单学蕾签字领域: 除微生物检测项目以外的全部检测项目。 Signature Field of He Zhen: Microbe test item; Signature Field of Shan Xuelei: All test items except for Microbe test item.					



批准:  
Approver

单学蕾

审核:  
Checker

吴春英

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于舒荔



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# 检验报告



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检测  
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检测项目 Test Items	项目描述 Description	单位 Unit	标准值 Standard Requirement	实测值 Results	评价 Conclusions	执行标准/备注 Test Method/ Remarks
1# 口罩Mask-深灰色Espresso						
甲醛含量 Formaldehyde Content	/	mg/kg	≤20	未检出 (低于检出限20mg/kg) Undetected (< 20mg/kg)	符合 Pass	GB/T 2912.1-2009
外观质量要求 Appearance Quality Requirement	/	/	口罩与皮肤直接接触的内层材料不应印花或者染色; 口罩不应存在外露金属物, 表面不应有破损、油污斑渍、变形及其他明显的缺陷 The material of the mask contact in the skin should not be dyeing or printing, the mask should have no exposed metal matters, and have no damage, oil stain, deformation and other obvious defects on the surface	+	符合 Pass	GB/T 38880-2020
2# 口罩Mask-浅杏色Light Blush						



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检测项目 Test Items	项目描述 Description	单位 Unit	标准值 Standard Requirement	实测值 Results	评价 Conclusions	执行标准/备注 Test Method/ Remarks
可迁移性荧光增白物 Transferable Fluorescent Brighteners	荧光增白剂 C. I. 220 Fluorescent Brightener C. I. 220	mg/kg	不得检出 Not Detected	未检出 (低于检出限70mg/kg) Undetected ( $< 70\text{mg/kg}$ )	符合 Pass	FZ/T 01137-2016
	荧光增白剂 C. I. 85 Fluorescent Brightener C. I. 85	mg/kg	不得检出 Not Detected	未检出 (低于检出限40mg/kg) Undetected ( $< 40\text{mg/kg}$ )		
	荧光增白剂 C. I. 113 Fluorescent Brightener C. I. 113	mg/kg	不得检出 Not Detected	未检出 (低于检出限40mg/kg) Undetected ( $< 40\text{mg/kg}$ )		
	荧光增白剂 C. I. 351 Fluorescent Brightener C. I. 351	mg/kg	不得检出 Not Detected	未检出 (低于检出限1mg/kg) Undetected ( $< 1\text{mg/kg}$ )		
	荧光增白剂 C. I. 71 Fluorescent Brightener C. I. 71	mg/kg	不得检出 Not Detected	未检出 (低于检出限20mg/kg) Undetected ( $< 20\text{mg/kg}$ )		
	荧光增白剂 C. I. 162 Fluorescent Brightener C. I. 162	mg/kg	不得检出 Not Detected	未检出 (低于检出限10mg/kg) Undetected ( $< 10\text{mg/kg}$ )		
	荧光增白剂 C. I. 140 Fluorescent Brightener C. I. 140	mg/kg	不得检出 Not Detected	未检出 (低于检出限4mg/kg) Undetected ( $< 4\text{mg/kg}$ )		
	荧光增白剂 C. I. 135 Fluorescent Brightener C. I. 135	mg/kg	不得检出 Not Detected	未检出 (低于检出限1mg/kg) Undetected ( $< 1\text{mg/kg}$ )		
	荧光增白剂 C. I. 199 Fluorescent Brightener C. I. 199	mg/kg	不得检出 Not Detected	未检出 (低于检出限2mg/kg) Undetected ( $< 2\text{mg/kg}$ )		
3#	口罩Mask-浅灰色Silver Grey					



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微生物 Microbe	大肠菌群 Coliform Group	/	不得检出 Not Detected	未检出 Undetected	符合 Pass	GB 15979-2002
	致病性化脓菌 (绿脓杆菌) Pathogenic Pyogenic Bacteria (Pseudomonas Aeruginosa)	/	不得检出 Not Detected	未检出 Undetected		
	致病性化脓菌 (金黄色葡萄球菌) Pathogenic Pyogenic Bacteria (Staphylococcus Aureus)	/	不得检出 Not Detected	未检出 Undetected		
	致病性化脓菌 (溶血性链球菌) Pathogenic Pyogenic Bacteria (Hemolytic Streptococcus)	/	不得检出 Not Detected	未检出 Undetected		
	真菌菌落总数 Total Counts of Fungal Colonies	cfu/g	≤100	<20		
	细菌菌落总数 Total Counts of Bacterial Colonies	cfu/g	≤200	<20		
鼻夹耐折性 Flexing Resistance of Nose Clip	/	/	不应断裂 Should Not Break	+	符合 Pass	GB/T 38880-2020
4# 口罩Mask-米白色Champagne						
口罩带及口罩带与口罩体的连接处断裂强力 Breaking Strength of The Mask Belt and The Joint Between The Mask Belt and The Mask Body	/	N	≥15	31	符合 Pass	GB/T 32610-2016
5# 口罩Mask-杏色Natural Sand						



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检测项目 Test Items	项目描述 Description	单位 Unit	标准值 Standard Requirement	实测值 Results	评价 Conclusions	执行标准/备注 Test Method/ Remarks
颗粒物过滤效率 Particle Filtration Efficiency	/	%	≥95	加载过滤效率 Loading Filtration Efficiency: 未预处理样品 Samples Without Pretreatment: 1: 99.7 2: 99.8 3: 99.8 4: 99.8 5: 99.8 预处理样品 Samples With Pretreatment: 1: 99.4 2: 99.6 3: 99.6 4: 99.7 5: 99.6 最小值Minimum: 99.4	符合 Pass	GB/T 32610-2016
6# 口罩Mask-黑灰色Dark Grey						
阻燃性能 Flame Retardation Properties	/	s	≤5	0	符合 Pass	YY 0469-2011
7# 口罩Mask-黑色Black						
pH值 pH Value	氯化钾萃取 KCl Extract	/	4.0~7.5	6.4	符合 Pass	GB/T 7573-2009
尖端和边缘锐利性 Sharp Points and Sharp Edges	/	/	不应存在可触及的锐利尖端和锐利边缘 Touchable sharp points and sharp edges are not allowed	不存在可触及的锐利尖端和锐利边缘 Have no touchable sharp points and sharp edges	符合 Pass	GB/T 31702-2015
8# 口罩Mask-黑色十字纹Black Cross						
鼻夹长度 Nose Clip Length	/	cm	≥5.5	8.8	符合 Pass	GB/T 38880-2020

表中“+”为符合标准要求，“×”表示不符合标准要求。

+ Meet the standard requirements, X Not Meet the standard requirements.



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样 品 Sample







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# 检验报告

## 【注意事项】

## POINTS FOR ATTENTION



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1. 检验报告无“检验专用章”无效。  
Report is invalid without stamp of "special seal for the test report".
2. 复制报告未重新加盖“检验专用章”无效。  
Copy report is invalid without re-stamp of "special seal for the test report".
3. 报告无编写、审核、批准人签字无效。  
Report is invalid without collective signatures by editor, checker and approver.
4. 检验报告涂改无效。  
Report is invalid if altered.
5. 检验报告或复制报告未加盖骑缝章无效(报告页数多于1页时)。  
Report and copy report is invalid without stamp of "Paging Seal" (When the page number more than 1).
6. 委托检验仅对来样负责, 不承担其他连带责任。  
Unless otherwise stated the results shown in this report refer only the sample(s) tested.
7. 对于检验结果若有异议, 应于收到报告之日起十五日内向本机构提出, 逾期不予受理。  
Objection should be issued in 15 days upon receiving the report, overdue opinion is inadmissible.
8. 未经本机构书面批准, 部分复制报告无效。  
Part copy report is invalid without the approval of the written documents of the testing organization.

-----报告结束 End of report-----

注意事项以中文为准 The English edition is for reference only

### 天纺标集团检测单位与地址 Tianfangbiao Groups Others Testing Location

天纺标检测认证股份有限公司  
Tianfangbiao Standardization Certification & Testing Co., Ltd.  
国家服装质量监督检验中心(天津)  
China National Clothing Quality Inspection & Supervision Center (Tianjin)  
国家针织产品质量监督检验中心  
China National Knitted Product Quality Supervision Testing Center  
地址: 天津市南开区鹊桥路25号  
Address: No.25, Queqiao Road, Nankai District, Tianjin, China



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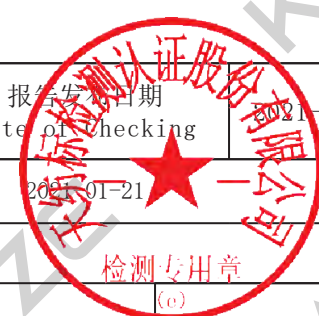
# 检验检测报告

Test Report

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客户 提供 信息 及 要求 Information Provided by Client	委托单位/地址 Applicant	惠州博文制造有限公司 Huizhou Bowen Manufacturing Limited 广东省惠州市博罗县园洲镇下南村新南一路 Xinnan 1st Road, Xianan Village, Yuanzhou Town, Boluo County, Huizhou City, Guangdong Province, P. R. China			送样人: Contact	/
	生产单位/地址 Manufacturer	惠州博文制造有限公司 Huizhou Bowen Manufacturing Limited 广东省惠州市博罗县园洲镇下南村新南一路 Xinnan 1st Road, Xianan Village, Yuanzhou Town, Boluo County, Huizhou City, Guangdong Province, P. R. China				
	样品信息 Information of Submitted Sample	样品名称: Sample Name	儿童防护口罩 Junior Protective Respirator	商标: Trademark	KAZE	
		样品总数: Sample Count	50个 50Pieces	号型规格: Size	折叠型口罩 FOLD MASK	颜色: Colour
	质量等级: Quality Grade	/	安全类别: Safety Category	/		
判定标准: Test Standards	产品款号或货号: Style No. or Order No.					
判定标准: Test Standards	GB/T 38880-2020 儿童口罩技术规范 (防护口罩) Technical specification of children mask (Protective Mask)					
样品描述 Test Part Description	1# 口罩Mask-大红色Racing Red 2# 口罩Mask-深蓝色 Royal Blue 3# 口罩Mask-橘色 Citrus Orange 4# 口罩Mask-棕色 Maroon 5# 口罩Mask-深绿色 Forest Pine					
检验性质 Test Type	委托检验 Commission Test	样品接收日期 Date of Submission	2021-01-13	报告发布日期 Date of Checking	2021-01-21	
检验日期 Test Date	2021-01-13		到 To	2021-01-21		
执行标准 Test Standards	见附页 See next page(s)					
检验结论 Conclusion	检验结果及符合性见附页。 Test results and compliance refer to next page(s).  检验单位盖章 Stamp of Inspection Unit					
备注 Remarks	何振签字领域: 微生物检测项目; 单学蕾签字领域: 除微生物检测项目以外的全部检测项目。 Signature Field of He Zhen: Microbe test item; Signature Field of Shan Xuelei: All test items except for Microbe test item.					



批准:  
Approver

单学蕾

审核:  
Checker

吴春英

编制:  
Editor

鲍子宇



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检测项目 Test Items	项目描述 Description	单位 Unit	标准值 Standard Requirement	实测值 Results	评价 Conclusions	执行标准/备注 Test Method/ Remarks
1# 口罩Mask-大红色Racing Red						
外观质量要求 Appearance Quality Requirement	/	/	口罩与皮肤直接接触的内层材料不应印花或者染色；口罩不应存在外露金属物，表面不应有破损、油污斑渍、变形及其他明显的缺陷 The material of the mask contact in the skin should not be dyeing or printing, the mask should have no exposed metal matters, and have no damage, oil stain, deformation and other obvious defects on the surface	+	符合 Pass	GB/T 38880-2020
鼻夹长度 Nose Clip Length	/	cm	≥5.5	5.9	符合 Pass	GB/T 38880-2020
2# 口罩Mask-深蓝色 Royal Blue						
鼻夹耐折性 Flexing Resistance of Nose Clip	/	/	不应断裂 Should Not Break	+	符合 Pass	GB/T 38880-2020



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检测项目 Test Items	项目描述 Description	单位 Unit	标准值 Standard Requirement	实测值 Results	评价 Conclusions	执行标准/备注 Test Method/ Remarks
口罩带及口罩带与口罩体的连接处断裂强力 Breaking Strength of The Mask Belt and The Joint Between The Mask Belt and The Mask Body	/	N	≥15	43	符合 Pass	GB/T 32610-2016
3# 口罩Mask-橘色 Citrus Orange						
颗粒物过滤效率 Particle Filtration Efficiency	/	%	≥95	加载过滤效率 Loading Filtration Efficiency: 未预处理样品 Samples Without Pretreatment: 1: 99.7 2: 99.6 3: 99.5 4: 99.6 5: 99.6 预处理样品 Samples With Pretreatment: 1: 99.4 2: 99.2 3: 99.3 4: 99.3 5: 99.3 最小值Minimum: 99.2	符合 Pass	GB/T 32610-2016



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检测项目 Test Items	项目描述 Description	单位 Unit	标准值 Standard Requirement	实测值 Results	评价 Conclusions	执行标准/备注 Test Method/ Remarks
微生物 Microbe	大肠菌群 Coliform Group	/	不得检出 Not Detected	未检出 Undetected	符合 Pass	GB 15979-2002
	致病性化脓菌 (绿脓杆菌) Pathogenic Pyogenic Bacteria (Pseudomonas Aeruginosa)	/	不得检出 Not Detected	未检出 Undetected		
	致病性化脓菌 (金黄色葡萄球菌) Pathogenic Pyogenic Bacteria (Staphylococcus Aureus)	/	不得检出 Not Detected	未检出 Undetected		
	致病性化脓菌 (溶血性链球菌) Pathogenic Pyogenic Bacteria (Hemolytic Streptococcus)	/	不得检出 Not Detected	未检出 Undetected		
	真菌菌落总数 Total Counts of Fungal Colonies	cfu/g	≤100	<20		
	细菌菌落总数 Total Counts of Bacterial Colonies	cfu/g	≤200	<20		
4# 口罩Mask-棕色 Maroon						
阻燃性能 Flame Retardation Properties	/	s	≤5	0	符合 Pass	YY 0469-2011
甲醛含量 Formaldehyde Content	/	mg/kg	≤20	未检出 (低于检出限20mg/kg) Undetected (< 20mg/kg)	符合 Pass	GB/T 2912.1-2009



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检测项目 Test Items	项目描述 Description	单位 Unit	标准值 Standard Requirement	实测值 Results	评价 Conclusions	执行标准/备注 Test Method/ Remarks
尖端和边缘锐利性 Sharp Points and Sharp Edges	/	/	不应存在可触及的锐利尖端和锐利边缘 Touchable sharp points and sharp edges are not allowed	不存在可触及的锐利尖端和锐利边缘 Have no touchable sharp points and sharp edges	符合 Pass	GB/T 31702-2015
5# 口罩Mask-深绿色(Forest Pine)						
pH值 pH Value	氯化钾萃取 KCl Extract	/	4.0~7.5	6.8	符合 Pass	GB/T 7573-2009



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检测项目 Test Items	项目描述 Description	单位 Unit	标准值 Standard Requirement	实测值 Results	评价 Conclusions	执行标准/备注 Test Method/ Remarks
可迁移性荧光增白物 Transferable Fluorescent Brighteners	/	/	不得检出 Not Detected	未检出 Undetected	符合 Pass	FZ/T 01137-2016
	荧光增白剂 C. I. 220 Fluorescent Brightener C. I. 220	mg/kg	不得检出 Not Detected	未检出 (低于检出低限70mg/kg) Undetected (<70mg/kg)		
	荧光增白剂 C. I. 85 Fluorescent Brightener C. I. 85	mg/kg	不得检出 Not Detected	未检出 (低于检出低限40mg/kg) Undetected (<40mg/kg)		
	荧光增白剂 C. I. 113 Fluorescent Brightener C. I. 113	mg/kg	不得检出 Not Detected	未检出 (低于检出低限40mg/kg) Undetected (<40mg/kg)		
	荧光增白剂 C. I. 351 Fluorescent Brightener C. I. 351	mg/kg	不得检出 Not Detected	未检出 (低于检出低限1mg/kg) Undetected (<1mg/kg)		
	荧光增白剂 C. I. 71 Fluorescent Brightener C. I. 71	mg/kg	不得检出 Not Detected	未检出 (低于检出低限20mg/kg) Undetected (<20mg/kg)		
	荧光增白剂 C. I. 162 Fluorescent Brightener C. I. 162	mg/kg	不得检出 Not Detected	未检出 (低于检出低限10mg/kg) Undetected (<10mg/kg)		
	荧光增白剂 C. I. 140 Fluorescent Brightener C. I. 140	mg/kg	不得检出 Not Detected	未检出 (低于检出低限4mg/kg) Undetected (<4mg/kg)		
	荧光增白剂 C. I. 135 Fluorescent Brightener C. I. 135	mg/kg	不得检出 Not Detected	未检出 (低于检出低限1mg/kg) Undetected (<1mg/kg)		
	荧光增白剂 C. I. 199 Fluorescent Brightener C. I. 199	mg/kg	不得检出 Not Detected	未检出 (低于检出低限2mg/kg) Undetected (<2mg/kg)		

表中“+”为符合标准要求，“×”表示不符合标准要求。

+ Meet the standard requirements, X Not Meet the standard requirements.



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## 样品 Sample







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# 天纺标检测认证股份有限公司

TianFangBiao Standardization Certification & Testing Co.,Ltd.

国家服装质量监督检验中心(天津)

National Clothing Quality Inspection & Supervision Center(Tianjin)

国家针织产品质量监督检验中心

National Knitted Product Quality Inspection & Supervision Center



TTTS-FH21002008



# 检验检测报告

Test Report

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客户提供信息及要求 Information Provided by Client	委托单位/地址 Applicant	惠州博文制造有限公司 Huizhou Bowen Manufacturing Limited 广东省惠州市博罗县园洲镇下南村新南一路 Xinnan 1st Road, Xianan Village, Yuanzhou Town, Boluo County, Huizhou City, Guangdong Province, P. R. China		送样人: Contact	/	
	生产单位/地址 Manufacturer	惠州博文制造有限公司 Huizhou Bowen Manufacturing Limited 广东省惠州市博罗县园洲镇下南村新南一路 Xinnan 1st Road, Xianan Village, Yuanzhou Town, Boluo County, Huizhou City, Guangdong Province, P. R. China				
	样品信息 Information of Submitted Sample	样品名称: Sample Name	儿童防护口罩 Junior Protective Respirator	商标: Trademark	KAZE	
		样品总数: Sample Count	115个 115Pieces	号型规格: Size or Specification	折叠型口罩 FOLD MASK	颜色: Colour
	质量等级: Quality Grade	/	安全类别: Safety Category	/		
	产品款号或货号: Style No. or Order No.	2021-04				
判定标准: Test Standards	GB/T 38880-2020 儿童口罩技术规范(儿童防护口罩) Technical specification of children mask (F)					
样品描述 Test Part Description	1# 口罩Mask-蓝色 Cobalt Blue 2# 口罩Mask-紫色 Purple Berry 3# 口罩Mask-深绿色 Spearmint 4# 口罩Mask-浅绿色 Key Lime 5# 口罩Mask-粉红色 Bubblegum 6# 口罩Mask-黑色 Onyx 7# 口罩Mask-白色 Ivory					
检验性质 Test Type	委托检验 Commission Test	样品接收日期 Date of Submission	2021-04-20	报告发布日期 Date of Checking	2021-04-28	
检验日期 Test Date	2021-04-20		到 To	2021-04-28		
执行标准 Test Standards	见附页 See next page(s)					
检验结论 Conclusion	检验结果及符合性见附页。 Test results and compliance refer to next page(s).				检验单位盖章 Stamp of Inspection Unit	
备注 Remarks	何振签字领域: 微生物检测项目; 单学蕾签字领域: 除微生物检测项目以外的全部检测项目。 Signature Field of He Zhen: Microbe test item; Signature Field of Shan Xuelei: All test items except for Microbe test item.					



批准:  
Approver

单学蕾

审核:  
Checker

吴春英

编制:  
Editor

鲍子宁



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检测项目 Test Items	项目描述 Description	单位 Unit	标准值 Standard Requirement	实测值 Results	评价 Conclusions	执行标准/备注 Test Method/ Remarks
1# 口罩Mask-蓝色 Cobalt Blue						
外观质量要求 Appearance Quality Requirement	/	/	口罩与皮肤直接接触的内层材料不应印花或者染色；口罩不应存在外露金属物，表面不应有破损、油污斑渍、变形及其他明显的缺陷 The material of the mask contact in the skin should not be dyeing or printing, the mask should have no exposed metal matters, and have no damage, oil stain, deformation and other obvious defects on the surface	+	符合 Pass	GB/T 38880-2020
鼻夹长度 Nose Clip Length	/	cm	≥5.5	9.0	符合 Pass	GB/T 38880-2020
2# 口罩Mask-紫色 Purple Berry						
颗粒物过滤效率 Particle Filtration Efficiency	/	%	≥95	未预处理样品 Samples Without Pretreatment: 1: 99.7 2: 99.6 3: 99.5 4: 99.6 5: 99.7 预处理样品 Samples With Pretreatment: 1: 99.4 2: 99.3 3: 99.2 4: 99.4 5: 99.3 最小值Minimum: 99.2	符合 Pass	GB/T 32610-2016



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3# 口罩Mask-深绿色 Spearmint						
甲醛含量 Formaldehyde Content	/	mg/kg	≤20	未检出 (低于检出限20mg/kg) Undetected (< 20mg/kg)	符合 Pass	GB/T 2912.1-2009
4# 口罩Mask-浅绿色 Key Lime						



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检测项目 Test Items	项目描述 Description	单位 Unit	标准值 Standard Requirement	实测值 Results	评价 Conclusions	执行标准/备注 Test Method/ Remarks
可迁移性荧光增白物 Transferable Fluorescent Brighteners	荧光增白剂 C. I. 220 Fluorescent Brightener C. I. 220	mg/kg	不得检出 Not Detected	未检出 (低于检出低限70mg/kg) Undetected ( < 70mg/kg)	符合 Pass	FZ/T 01137-2016
	荧光增白剂 C. I. 85 Fluorescent Brightener C. I. 85	mg/kg	不得检出 Not Detected	未检出 (低于检出低限40mg/kg) Undetected ( < 40mg/kg)		
	荧光增白剂 C. I. 113 Fluorescent Brightener C. I. 113	mg/kg	不得检出 Not Detected	未检出 (低于检出低限40mg/kg) Undetected ( < 40mg/kg)		
	荧光增白剂 C. I. 351 Fluorescent Brightener C. I. 351	mg/kg	不得检出 Not Detected	未检出 (低于检出低限1mg/kg) Undetected ( < 1mg/kg)		
	荧光增白剂 C. I. 71 Fluorescent Brightener C. I. 71	mg/kg	不得检出 Not Detected	未检出 (低于检出低限20mg/kg) Undetected ( < 20mg/kg)		
	荧光增白剂 C. I. 162 Fluorescent Brightener C. I. 162	mg/kg	不得检出 Not Detected	未检出 (低于检出低限10mg/kg) Undetected ( < 10mg/kg)		
	荧光增白剂 C. I. 140 Fluorescent Brightener C. I. 140	mg/kg	不得检出 Not Detected	未检出 (低于检出低限4mg/kg) Undetected ( < 4mg/kg)		
	荧光增白剂 C. I. 135 Fluorescent Brightener C. I. 135	mg/kg	不得检出 Not Detected	未检出 (低于检出低限1mg/kg) Undetected ( < 1mg/kg)		
	荧光增白剂 C. I. 199 Fluorescent Brightener C. I. 199	mg/kg	不得检出 Not Detected	未检出 (低于检出低限2mg/kg) Undetected ( < 2mg/kg)		



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微生物 Microbe	大肠菌群 Coliform Group	/	不得检出 Not Detected	未检出 Undetected	符合 Pass	GB 15979-2002
	致病性化脓菌 (绿脓杆菌) Pathogenic Pyogenic Bacteria (Pseudomonas Aeruginosa)	/	不得检出 Not Detected	未检出 Undetected		
	致病性化脓菌 (金黄色葡萄球菌) Pathogenic Pyogenic Bacteria (Staphylococcus Aureus)	/	不得检出 Not Detected	未检出 Undetected		
	致病性化脓菌 (溶血性链球菌) Pathogenic Pyogenic Bacteria (Hemolytic Streptococcus)	/	不得检出 Not Detected	未检出 Undetected		
	真菌菌落总数 Total Counts of Fungal Colonies	cfu/g	≤100	<20		
	细菌菌落总数 Total Counts of Bacterial Colonies	cfu/g	≤200	<20		
	5# 口罩Mask-粉红色 Bubblegum					
pH值 pH Value	氯化钾萃取 KCl Extract	/	4.0~7.5	6.1	符合 Pass	GB/T 7573-2009
尖端和边缘锐利性 Sharp Points and Sharp Edges	/	/	不应存在可触及的锐利尖端和锐利边缘 Accessible sharp points and sharp edges are not allowed	不存在可触及的锐利尖端和锐利边缘 Have no accessible sharp points and sharp edges	符合 Pass	GB/T 31702-2015
6# 口罩Mask-黑色 Onyx						
鼻夹耐折性 Flexing Resistance of Nose Clip	/	/	不应断裂 Should not break	+	符合 Pass	GB/T 38880-2020



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检测项目 Test Items	项目描述 Description	单位 Unit	标准值 Standard Requirement	实测值 Results	评价 Conclusions	执行标准/备注 Test Method/ Remarks
口罩带及口罩带与口罩体的连接处断裂强力 Breaking Strength of The Mask Belt and The Joint Between The Mask Belt and The Mask Body	/	N	≥15	20	符合 Pass	GB/T 32610-2016
7# 口罩Mask-白色 Ivory						
阻燃性能 Flame Retardation Properties	/	s	≤5	0	符合 Pass	YY 0469-2011

表中“+”为符合标准要求，“×”表示不符合标准要求。  
+ Meet the standard requirements, X Not Meet the standard requirements.



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## 样品 Sample





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客户提供信息及要求 Information Provided by Client	委托单位/地址 Applicant	惠州博文制造有限公司 Huizhou Bowen Manufacturing Limited 广东省惠州市博罗县园洲镇下南村新南一路 Xinnan 1st Road, Xianan Village, Yuanzhou Town, Boluo County, Huizhou City, Guangdong Province, P. R. China			送样人: Contact /	
	生产单位/地址 Manufacturer	惠州博文制造有限公司 Huizhou Bowen Manufacturing Limited 广东省惠州市博罗县园洲镇下南村新南一路 Xinnan 1st Road, Xianan Village, Yuanzhou Town, Boluo County, Huizhou City, Guangdong Province, P. R. China			电话: Tel. /	
	样品信息 Information of Submitted Sample	样品名称: Sample Name	儿童防护口罩 Junior Protective Respirator	商标: Trademark	KAZE	
		样品总数: Sample Count	50个 50Pieces	颜色: Colour	/	
	号型规格: Size or Specification	折叠型口罩 FOLD MASK	安全类别: Safety Category	/		
	质量等级: Quality Grade	/	产品款号或货号: Style No. or Order No.	2021-07		
判定标准: Test Standards	GB/T 38880-2020 儿童口罩技术规范 Technical specification of children mask					
样品描述 Test Part Description	1# 口罩Mask-绿色花纹- photosynthesis 2# 口罩Mask-棕紫色花纹- dreamweaver 3# 口罩Mask-蓝色花纹- seaglass 4# 口罩Mask-红色花纹- sweet nectar 5# 口罩Mask-橙色花纹- bloomington					
检验性质 Test Type	委托检验 Commission Test	样品接收日期 Date of Submission	2021-07-15	报告发布日期 Date of Checking	2021-07-28	
检验日期 Test Date	2021-07-15		到 To	2021-07-27		
执行标准 Test Standards	见附页 See next page(s)					
检验结论 Conclusion	检验结果及符合性见附页。 Test results and compliance refer to next page(s). 检验单位盖章 Stamp of Inspection Unit					
备注 Remarks	何振签字领域: 微生物检测项目; 单学蕾签字领域: 除微生物检测项目以外的全部检测项目。 Signature Field of He Zhen: Microbe test item; Signature Field of Shan Xuelei: All test items except for Microbe test item.					



批准:  
Approver

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Checker

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检测项目 Test Items	项目描述 Description	单位 Unit	标准值 Standard Requirement	实测值 Results	评价 Conclusions	执行标准/备注 Test Method/ Remarks
1# 口罩Mask-绿色花纹- photosynthesis						
外观质量要求 Appearance Quality Requirement	/	/	口罩与皮肤直接接触的内层材料不应印花或者染色; 口罩不应存在外露金属物, 表面不应有破损、油污斑渍、变形及其他明显的缺陷 The material of the mask contact in the skin should not be dyeing or printing, the mask should have no exposed metal matters, and have no damage, oil stain, deformation and other obvious defects on the surface	+	符合 Pass	GB/T 38880-2020
鼻夹长度 Nose Clip Length	/	cm	≥5.5	8.5cm	符合 Pass	GB/T 38880-2020
鼻夹耐折性 Flexing Resistance of Nose Clip	/	/	不应断裂 Should Not Break	+	符合 Pass	GB/T 38880-2020
口罩带及口罩带与口罩体的连接处断裂强力 Breaking Strength of The Mask Belt and The Joint Between The Mask Belt and The Mask Body	/	N	≥15	24	符合 Pass	GB/T 32610-2016
2# 口罩Mask-棕紫色花纹- dreamweaver						



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检测项目 Test Items	项目描述 Description	单位 Unit	标准值 Standard Requirement	实测值 Results	评价 Conclusions	执行标准/备注 Test Method/ Remarks
颗粒物过滤效率 Particle Filtration Efficiency	/	%	≥95	未预处理样品 Samples Without Pretreatment: 1: 99.9 2: 99.9 3: 99.9 4: 99.9 5: 99.9 预处理样品 Samples With Pretreatment: 1: 99.8 2: 99.8 3: 99.8 4: 99.8 5: 99.8 最小值Minimum: 99.8	符合 Pass	GB/T 32610-2016
3# 口罩Mask-蓝色花纹- seaglass						
甲醛含量 Formaldehyde Content	/	mg/kg	≤20	未检出 (低于检出限20mg/kg) Undetected (< 20mg/kg)	符合 Pass	GB/T 2912.1-2009
pH值 pH Value	氯化钾萃取 KCl Extract	/	4.0~7.5	7.2	符合 Pass	GB/T 7573-2009
4# 口罩Mask-红色花纹- sweet nectar						



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可迁移性荧光增白物 Transferable Fluorescent Brighteners	荧光增白剂 C. I. 220 Fluorescent Brightener C. I. 220	mg/kg	不得检出 Not Detected	未检出 (低于检测下限70.0mg/kg) Undetected ( < 70.0mg/kg)	符合 Pass	FZ/T 01137-2016
	荧光增白剂 C. I. 85 Fluorescent Brightener C. I. 85	mg/kg	不得检出 Not Detected	未检出 (低于检测下限40.0mg/kg) Undetected ( < 40.0mg/kg)		
	荧光增白剂 C. I. 113 Fluorescent Brightener C. I. 113	mg/kg	不得检出 Not Detected	未检出 (低于检测下限40.0mg/kg) Undetected ( < 40.0mg/kg)		
	荧光增白剂 C. I. 351 Fluorescent Brightener C. I. 351	mg/kg	不得检出 Not Detected	未检出 (低于检测下限1.0mg/kg) Undetected ( < 1.0mg/kg)		
	荧光增白剂 C. I. 71 Fluorescent Brightener C. I. 71	mg/kg	不得检出 Not Detected	未检出 (低于检测下限20.0mg/kg) Undetected ( < 20.0mg/kg)		
	荧光增白剂 C. I. 162 Fluorescent Brightener C. I. 162	mg/kg	不得检出 Not Detected	未检出 (低于检测下限10.0mg/kg) Undetected ( < 10.0mg/kg)		
	荧光增白剂 C. I. 140 Fluorescent Brightener C. I. 140	mg/kg	不得检出 Not Detected	未检出 (低于检测下限4.0mg/kg) Undetected ( < 4.0mg/kg)		
	荧光增白剂 C. I. 135 Fluorescent Brightener C. I. 135	mg/kg	不得检出 Not Detected	未检出 (低于检测下限1.0mg/kg) Undetected ( < 1.0mg/kg)		
	荧光增白剂 C. I. 199 Fluorescent Brightener C. I. 199	mg/kg	不得检出 Not Detected	未检出 (低于检测下限2.0mg/kg) Undetected ( < 2.0mg/kg)		



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微生物 Microbe	大肠菌群 Coliform Group	/	不得检出 Not Detected	未检出 Undetected	符合 Pass	GB 15979-2002
	致病性化脓菌 (绿脓杆菌) Pathogenic Pyogenic Bacteria (Pseudomonas Aeruginosa)	/	不得检出 Not Detected	未检出 Undetected		
	致病性化脓菌 (金黄色葡萄球菌) Pathogenic Pyogenic Bacteria (Staphylococcus Aureus)	/	不得检出 Not Detected	未检出 Undetected		
	致病性化脓菌 (溶血性链球菌) Pathogenic Pyogenic Bacteria (Hemolytic Streptococcus)	/	不得检出 Not Detected	未检出 Undetected		
	真菌菌落总数 Total Counts of Fungal Colonies	cfu/g	≤100	<20		
	细菌菌落总数 Total Counts of Bacterial Colonies	cfu/g	≤200	<20		
5# 口罩Mask-橙色花纹- bloomington						
阻燃性能 Flame Retardation Properties	/	s	≤5	0	符合 Pass	YY 0469-2011
尖端和边缘锐利性 Sharp Points and Sharp Edges	/	/	不应存在可触及的锐利尖端和锐利边缘 Touchable sharp points and sharp edges are not allowed	不存在可触及的锐利尖端和锐利边缘 Have no touchable sharp points and sharp edges	符合 Pass	GB/T 31702-2015

表中“+”为符合标准要求，“×”表示不符合标准要求。

+ Meet the standard requirements, X Not Meet the standard requirements.



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国家服装质量监督检验中心(天津)  
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检验检测报告  
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TTTS-FH21002581

样品 Sample





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TTTS-FH21002651



# 检验检测报告

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客户提供信息及要求 Information Provided by Client	委托单位/地址 Applicant	惠州博文制造有限公司 Huizhou Bowen Manufacturing Limited 广东省惠州市博罗县园洲镇下南村新南一路 Xinnan 1st Road, Xianan Village, Yuanzhou Town, Boluo County, Huizhou City, Guangdong Province, P. R. China			送样人: Contact /
	生产单位/地址 Manufacturer	惠州博文制造有限公司 Huizhou Bowen Manufacturing Limited 广东省惠州市博罗县园洲镇下南村新南一路 Xinnan 1st Road, Xianan Village, Yuanzhou Town, Boluo County, Huizhou City, Guangdong Province, P. R. China			电话: Tel. /
	样品信息 Information of Submitted Sample	样品名称: Sample Name	儿童防护口罩 Junior Protective Respirator	商标: Trademark	KAZE
	样品总数: Sample Count	100个 100Pieces	号型规格: Size or Specification	折叠型口罩 FOLD MASK	颜色: Colour /
	质量等级: Quality Grade	/	安全类别: Safety Category	/	
	判定标准: Test Standards	GB/T 38880-2020 儿童口罩技术规范 Technical specification of children mask			
样品描述 Test Part Description	01# 口罩Mask-浅紫色-Light Purple; 02# 口罩Mask-浅绿色-Light Green 03# 口罩Mask-紫色- Purple; 04# 口罩Mask-蓝色-Blue 05# 口罩Mask-棕色- Brown; 06# 口罩Mask-黄色- Yellow 07# 口罩Mask-粉色-Pink; 08# 口罩Mask-红色- Red 09# 口罩Mask-浅蓝色-Light Blue; 10# 口罩Mask-绿色- Green				
检验性质 Test Type	委托检验 Commission Test	样品接收日期 Date of Submission	2021-07-24	报告发布日期 Date of checking	2021-08-06
检验日期 Test Date	2021-07-24		到 To	2021-08-02	
执行标准 Test Standards	见附页 See next page(s)				
检验结论 Conclusion	检验结果及符合性见附页。 Test results and compliance refer to next page(s). 检验单位盖章 Stamp of Inspection Unit				
备注 Remarks	何振签字领域: 微生物检测项目; 单学蕾签字领域: 除微生物检测项目以外的全部检测项目。 Signature Field of He Zhen: Microbe test item; Signature Field of Shan Xuelei: All test items except for Microbe test item.				



批准:  
Approver

单学蕾

审核:  
Checker

吴春英

编制:  
Editor

赵昕



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# 检验检测报告

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检测项目 Test Items	项目描述 Description	单位 Unit	标准值 Standard Requirement	实测值 Results	评价 Conclusions	执行标准/备注 Test Method/ Remarks
01#	口罩Mask-浅紫色-Light Purple					
外观质量要求 Appearance Quality Requirement	/	/	口罩与皮肤直接接触的内层材料不应印花或者染色；口罩不应存在外露金属物，表面不应有破损、油污斑渍、变形及其他明显的缺陷。 The material of the mask contact in the skin should not be dyeing or printing. the mask should have no exposed metal matters, and have no damage, oil stain, deformation or other obvious defects.	+	符合 Pass	GB/T 38880-2020
02#	口罩Mask-浅绿色-Light Green					



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# 检验检测报告

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检测项目 Test Items	项目描述 Description	单位 Unit	标准值 Standard Requirement	实测值 Results	评价 Conclusions	执行标准/备注 Test Method/ Remarks
可迁移性荧光增白物 Transferable Fluorescent Brighteners	荧光增白剂 C. I. 220 Fluorescent Brightener C. I. 220	mg/kg	不得检出 Not Detected	未检出 (低于检测低限70mg/kg) Undetected (<70mg/kg)	符合 Pass	FZ/T 01137-2016
	荧光增白剂 C. I. 85 Fluorescent Brightener C. I. 85	mg/kg	不得检出 Not Detected	未检出 (低于检测低限40mg/kg) Undetected (<40mg/kg)		
	荧光增白剂 C. I. 113 Fluorescent Brightener C. I. 113	mg/kg	不得检出 Not Detected	未检出 (低于检测低限40mg/kg) Undetected (<40mg/kg)		
	荧光增白剂 C. I. 351 Fluorescent Brightene C. I. 351	mg/kg	不得检出 Not Detected	未检出 (低于检测低限1mg/kg) Undetected (<1mg/kg)		
	荧光增白剂 C. I. 71 Fluorescent Brightene C. I. 71	mg/kg	不得检出 Not Detected	未检出 (低于检测低限20mg/kg) Undetected (<20mg/kg)		
	荧光增白剂 C. I. 162 Fluorescent Brightene C. I. 162	mg/kg	不得检出 Not Detected	未检出 (低于检测低限10mg/kg) Undetected (<10mg/kg)		
	荧光增白剂 C. I. 140 Fluorescent Brightene C. I. 140	mg/kg	不得检出 Not Detected	未检出 (低于检测低限4mg/kg) Undetected (<4mg/kg)		
	荧光增白剂 C. I. 135 Fluorescent Brightene C. I. 135	mg/kg	不得检出 Not Detected	未检出 (低于检测低限1mg/kg) Undetected (<1mg/kg)		
	荧光增白剂 C. I. 199 Fluorescent Brightene C. I. 199	mg/kg	不得检出 Not Detected	未检出 (低于检测低限2mg/kg) Undetected (<2mg/kg)		

03# 口罩Mask-紫色- Purple





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# 检验检测报告

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检测项目 Test Items	项目描述 Description	单位 Unit	标准值 Standard Requirement	实测值 Results	评价 Conclusions	执行标准/备注 Test Method/ Remarks
颗粒物过滤效率 Particle Filtration Efficiency	/	%	≥95	未预处理样品 Samples Without Pretreatment 1: 99.9 2: 99.9 3: 99.9 4: 99.9 5: 99.9 预处理样品 Samples With Pretreatment 1: 99.8 2: 99.8 3: 99.8 4: 99.8 5: 99.8 最小值Minimum: 99.8	符合 Pass	GB/T 32610-2016
04#	口罩Mask-蓝色-Blue					



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检测项目 Test Items	项目描述 Description	单位 Unit	标准值 Standard Requirement	实测值 Results	评价 Conclusions	执行标准/备注 Test Method/ Remarks
微生物 Microbe	大肠菌群 Coliform Group	/	不得检出 Not Detected	未检出 Undetected	符合 Pass	GB 15979-2002
	致病性化脓菌 (绿脓杆菌) Pathogenic Pyogenic Bacteria (Pseudomonas Aeruginosa)	/	不得检出 Not Detected	未检出 Undetected		
	致病性化脓菌 (金黄色葡萄球菌) Pathogenic Pyogenic Bacteria (Staphylococcus Aureus)	/	不得检出 Not Detected	未检出 Undetected		
	致病性化脓菌 (溶血性链球菌) Pathogenic Pyogenic Bacteria (Hemolytic Streptococcus)	/	不得检出 Not Detected	未检出 Undetected		
	真菌菌落总数 Total Counts of Fungal Colonies	CFU/g	≤100	<20		
	细菌菌落总数 Total Counts of Bacterial Colonies	CFU/g	≤200	<20		
05# 口罩Mask-棕色-Brown						
阻燃性能 Flame Retardation Properties	/	s	≤5	0	符合 Pass	YY 0469-2011
06# 口罩Mask-黄色-Yellow						
pH值 pH Value	氯化钾萃取 KCl Extract	/	4.0~7.5	6.4	符合 Pass	GB/T 7573-2009
尖端和边缘锐利性 Sharp Points and Sharp Edges	/	/	不应存在可触及的锐利尖端和锐利边缘 Touchable sharp points and sharp edges are not allowed	不存在可触及的锐利尖端和锐利边缘 Have no touchable sharp points and sharp edges	符合 Pass	GB/T 31702-2015



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检测项目 Test Items	项目描述 Description	单位 Unit	标准值 Standard Requirement	实测值 Results	评价 Conclu sions	执行标准/备注 Test Method/ Remarks
07# 口罩Mask-粉色-Pink						
甲醛含量 Formaldehyde Content	/	mg/kg	≤20	未检出 (低于检出限20mg/kg) Undetected (< 20mg/kg)	符合 Pass	GB/T 2912.1-2009
08# 口罩Mask-红色-Red						
鼻夹长度 Nose Clip Length	/	cm	≥5.5	8.5	符合 Pass	GB/T 38880-2020
09# 口罩Mask-浅蓝色-Light Blue						
鼻夹耐折性 Flexing Resistance of Nose Clip	/	/	不应断裂 Should not break	+	符合 Pass	GB/T 38880-2020
10# 口罩Mask-绿色-Green						
口罩带及口罩带与口罩 体的连接处断裂强力 Breaking Strength of The Mask Belt and The Joint Between The Mask Belt and The Mask Body	/	N	≥15	36	符合 Pass	GB/T 32610-2016

表中“+”为符合标准要求，“×”表示不符合标准要求。

+ Meet the standard requirements, × Not Meet the standard requirements.



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## 样品 Sample





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TTTS - FH21003128



# 检验检测报告

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客户提供信息及要求 Information Provided by Client	委托单位/地址 Applicant	惠州博文制造有限公司 Huizhou Bowen Manufacturing Limited 广东省惠州市博罗县园洲镇下南村新南一路 Xinnan 1st Road, Xianan Village, Yuanzhou Town, Boluo County, Huizhou City, Guangdong Province, P. R. China			送样人: Contact /	
	生产单位/地址 Manufacturer	惠州博文制造有限公司 Huizhou Bowen Manufacturing Limited 广东省惠州市博罗县园洲镇下南村新南一路 Xinnan 1st Road, Xianan Village, Yuanzhou Town, Boluo County, Huizhou City, Guangdong Province, P. R. China			电话: Tel. /	
	样品信息 Information of Submitted Sample	样品名称: Sample Name	儿童防护口罩 Junior Protective Respirator	商标: Trademark	KAZE	
		样品总数: Sample Count	100个 100Pieces	颜色: Colour	/	
	号型规格: Size or Specification	折叠型口罩FOLD MASK	安全类别: Safety Category	/		
质量等级: Quality Grade	/	产品款号或货号: Style No. or Order No.	2021-09			
判定标准: Test Standards	GB/T 38880-2020 儿童口罩技术规范 Technical specification of children mask					
样品描述 Test Part Description	见第2页 See Page 2					
检验性质 Test Type	委托检验 Commission Test	样品接收日期 Date of Submission	2021-09-08	报告发布日期 Date of Reporting	2021-09-15	
检验日期 Test Date	2021-09-08		到 To	2021-09-15		
执行标准 Test Standards	见附页 See next page(s)					
检验结论 Conclusion	检验结果及符合性见附页。 Test results and compliance refer to next page(s).			 检测专用章 (e) 检验单位盖章 Stamp of Inspection Unit		
备注 Remarks	何振签字领域: 微生物检测项目; 单学蕾签字领域: 除微生物检测项目以外的全部检测项目。 Signature Field of He Zhen: Microbe test item; Signature Field of Shan Xuelei: All test items except for Microbe test item.					

批准:  
Approver

单学蕾

审核:  
Checker

吴春英

编制:  
Editor

鲍子宁



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# 检验检测报告

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## 样品描述 Test Part Description

- 01# 口罩Mask-深蓝色-Blue C
- 02# 口罩Mask-大红色-Red C
- 03# 口罩Mask-橙色-Orange C
- 04# 口罩Mask-绿色-Green C
- 05# 口罩Mask-黄色-Yellow C
- 06# 口罩Mask-深蓝色-Blue D
- 07# 口罩Mask-灰色-Grey D
- 08# 口罩Mask-浅棕色-Light Brown E
- 09# 口罩Mask-棕色-Brown E
- 10# 口罩Mask-蓝色-Blue G
- 11# 口罩Mask-奶白色-Cream G
- 12# 口罩Mask-浅蓝色-Light Blue G
- 13# 口罩Mask-红色-Red G
- 14# 口罩Mask-粉色-Pink G



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# 检验检测报告

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检测项目 Test Items	项目描述 Description	单位 Unit	标准值 Standard Requirement	实测值 Results	评价 Conclu sions	执行标准/备注 Test Method/ Remarks
01# 口罩Mask-深蓝色-Blue C						
口罩带及口罩带与口罩体的连接处断裂强力 Breaking Strength of The Mask Belt and The Joint Between The Mask Belt and The Mask Body	/	N	≥15	43	符合 Pass	GB/T 32610-2016
02# 口罩Mask-大红色-Red C						
颗粒物过滤效率 Particle Filtration Efficiency	/	%	≥95	未预处理样品 Samples Without Pretreatment 1: 99.8 2: 99.8 3: 99.8 4: 99.8 5: 99.8 预处理样品 Samples With Pretreatment 1: 99.8 2: 99.8 3: 99.8 4: 99.8 5: 99.8 最小值Minimum: 99.8	符合 Pass	GB/T 32610-2016
03# 口罩Mask-橙色- Orange C						
阻燃性能 Flame Retardation Properties	/	s	≤5	0	符合 Pass	YY 0469-2011
04# 口罩Mask-绿色-Green C						
尖端和边缘锐利性 Sharp Points and Sharp Edges	/	/	不应存在可触及的锐利尖端和锐利边缘 Touchable sharp points and sharp edges are not allowed	不存在可触及的锐利尖端和锐利边缘 Have no touchable sharp points and sharp edges	符合 Pass	GB/T 31702-2015
05# 口罩Mask-黄色- Yellow C						
鼻夹耐折性 Flexing Resistance of Nose Clip	/	/	不应断裂 Should not break	+	符合 Pass	GB/T 38880-2020
06# 口罩Mask-深蓝色- Blue D						



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# 检验检测报告

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检测项目 Test Items	项目描述 Description	单位 Unit	标准值 Standard Requirement	实测值 Results	评价 Conclusions	执行标准/备注 Test Method/ Remarks
鼻夹长度 Nose Clip Length	/	cm	≥5.5	9.0	符合 Pass	GB/T 38880-2020
07# 口罩Mask-灰色-Grey D						
外观质量要求 Appearance Quality Requirement	/	/	口罩与皮肤直接接触的内层材料不应印花或者染色; 口罩不应存在外露金属物, 表面不应有破损、油污斑渍、变形及其他明显的缺陷 The material of the mask contact in the skin should not be dyeing or printing. the mask should have no exposed metal matters, and have no damage, oil stain, deformation or other obvious defects.	+	符合 Pass	GB/T 38880-2020
08# 口罩Mask-浅棕色- Light Brown E						
甲醛含量 Formaldehyde Content	/	mg/kg	≤20	未检出 (低于检出限20mg/kg) Undetected ( < 20mg/kg)	符合 Pass	GB/T 2912.1-2009
09# 口罩Mask-棕色-Brown E						
阻燃性能 Flame Retardation Properties	/	s	≤5	0	符合 Pass	YY 0469-2011
10# 口罩Mask-蓝色- Blue G						
尖端和边缘锐利性 Sharp Points and Sharp Edges	/	/	不应存在可触及的锐利尖端和锐利边缘 Touchable sharp points and sharp edges are not allowed	不存在可触及的锐利尖端和锐利边缘 Have no touchable sharp points and sharp edges	符合 Pass	GB/T 31702-2015





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国家服装质量监督检验中心 (天津)

National Clothing Quality Inspection & Supervision Center(Tianjin)

国家针织产品质量监督检验中心

National Knitted Product Quality Inspection & Supervision Center

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检测项目 Test Items	项目描述 Description	单位 Unit	标准值 Standard Requirement	实测值 Results	评价 Conclu sions	执行标准/备注 Test Method/ Remarks
11#	口罩Mask-奶白色- Cream G					
可迁移性荧光增白物 Transferable Fluorescent Brighteners	荧光增白剂 C. I. 220 Fluorescent Brightener C. I. 220	mg/kg	不得检出 Not Detected	未检出 (低于检出低限70mg/kg) Undetected (<70mg/kg)	符合 Pass	FZ/T 01137-2016
	荧光增白剂 C. I. 85 Fluorescent Brightener C. I. 85	mg/kg	不得检出 Not Detected	未检出 (低于检出低限40mg/kg) Undetected (<40mg/kg)		
	荧光增白剂 C. I. 113 Fluorescent Brightener C. I. 113	mg/kg	不得检出 Not Detected	未检出 (低于检出低限40mg/kg) Undetected (<40mg/kg)		
	荧光增白剂 C. I. 351 Fluorescent Brightener C. I. 351	mg/kg	不得检出 Not Detected	未检出 (低于检出低限1mg/kg) Undetected (<1mg/kg)		
	荧光增白剂 C. I. 71 Fluorescent Brightener C. I. 71	mg/kg	不得检出 Not Detected	未检出 (低于检出低限20mg/kg) Undetected (<20mg/kg)		
	荧光增白剂 C. I. 162 Fluorescent Brightener C. I. 162	mg/kg	不得检出 Not Detected	未检出 (低于检出低限10mg/kg) Undetected (<10mg/kg)		
	荧光增白剂 C. I. 140 Fluorescent Brightener C. I. 140	mg/kg	不得检出 Not Detected	未检出 (低于检出低限4mg/kg) Undetected (<4mg/kg)		
	荧光增白剂 C. I. 135 Fluorescent Brightener C. I. 135	mg/kg	不得检出 Not Detected	未检出 (低于检出低限1mg/kg) Undetected (<1mg/kg)		
	荧光增白剂 C. I. 199 Fluorescent Brightener C. I. 199	mg/kg	不得检出 Not Detected	未检出 (低于检出低限2mg/kg) Undetected (<2mg/kg)		
12#	口罩Mask-浅蓝色- Light Blue G					



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检测项目 Test Items	项目描述 Description	单位 Unit	标准值 Standard Requirement	实测值 Results	评价 Conclusions	执行标准/备注 Test Method/ Remarks
微生物 Microbe	大肠菌群 Coliform Group	/	不得检出 Not Detected	未检出 Undetected	符合 Pass	GB 15979-2002
	致病性化脓菌 (绿脓杆菌) Pathogenic Pyogenic Bacteria (Pseudomonas Aeruginosa)	/	不得检出 Not Detected	未检出 Not Detected		
	致病性化脓菌 (金黄色葡萄球菌) Pathogenic Pyogenic Bacteria (Staphylococcus Aureus)	/	不得检出 Not Detected	未检出 Not Detected		
	致病性化脓菌 (溶血性链球菌) Pathogenic Pyogenic Bacteria (Hemolytic Streptococcus)	/	不得检出 Not Detected	未检出 Not Detected		
	真菌菌落总数 Total Counts of Fungal Colonies	cfu/g	≤100	<20		
	细菌菌落总数 Total Counts of Bacterial Colonies	cfu/g	≤200	<20		
13# 口罩Mask-红色-Red G						
甲醛含量 Formaldehyde Content	/	mg/kg	≤20	未检出 (低于检出限20mg/kg) Undetected (< 20mg/kg)	符合 Pass	GB/T 2912.1-2009
14# 口罩Mask-粉色-Pink G						
pH值 pH Value	氯化钾萃取 KCl Extract	/	4.0~7.5	6.6	符合 Pass	GB/T 7573-2009

表中“+”表示符合标准要求，“-”表示为轻缺陷，“X”表示不符合标准要求。

+ Meet the standard requirements, - Slight defects, X Not Meet the standard requirements.



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## 样品 Sample





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# 检验检测报告

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客户提供信息及要求 Information Provided by Client	委托单位/地址 Applicant	惠州博文制造有限公司 Huizhou Bowen Manufacturing Limited 广东省惠州市博罗县园洲镇下南村新南一路 Xinnan 1st Road, Xianan Village, Yuanzhou Town, Boluo County, Huizhou City, Guangdong Province, P. R. China			送样人: Contact /	
	生产单位/地址 Manufacturer	惠州博文制造有限公司 Huizhou Bowen Manufacturing Limited 广东省惠州市博罗县园洲镇下南村新南一路 Xinnan 1st Road, Xianan Village, Yuanzhou Town, Boluo County, Huizhou City, Guangdong Province, P. R. China			电话: Tel. /	
	样品信息 Information of Submitted Sample	样品名称: Sample Name	MINI 防护口罩 Junior Protective Respirator	商标: Trademark	KAZE	
		样品总数: Sample Count	100个 100Pieces	颜色: Colour	/	
	号型规格: Size or Specification	MINI FOLD MASK/KAZE-03	安全类别: Safety Category	/		
	质量等级: Quality Grade	/	产品款号或货号: Style No. or Order No.	2022-01		
判定标准: Test Standards	GB 2626-2019 呼吸防护 自吸过滤式防颗粒物呼吸器 (KN95) Respiratory protection-Non-powered air-purifying particle respirator (KN95)					
样品描述 Test Part Description	见第2页 See Page 2					
检验性质 Test Type	委托检验 Commission Test	样品接收日期 Date of Submission	2022-01-14	报告发布日期 Date of Issuing	2022-01-19	
检验日期 Test Date	2022-01-14		到 To	2022-01-19		
执行标准 Test Standards	见附页 See next page(s)					
检验结论 Conclusion	检验结果及符合性见附页。 Test results and compliance refer to next page(s).			检测专用章 (e)		
备注 Remarks	/					
	检验单位盖章 Stamp of Inspection Unit					

批准:  
Approver

方倩

审核:  
Checker

于洋

编制:  
Editor

鲍子宇



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## 样品描述 Test Part Description

- 01# 彩色口罩/Colored Mask-大红色Racing Red
- 02# 彩色口罩/Colored Mask-桃红色Fuchsia
- 03# 彩色口罩/Colored Mask-粉红色Rose Quartz
- 04# 彩色口罩/Colored Mask-棕色Maroon
- 05# 彩色口罩/Colored Mask-深蓝色Royal Blue
- 06# 彩色口罩/Colored Mask-蓝色Powder Blue
- 07# 彩色口罩/Colored Mask-深绿色Forest Pine
- 08# 彩色口罩/Colored Mask-浅绿色Sweet Pea
- 09# 彩色口罩/Colored Mask-橘色Citrus Orange
- 10# 彩色口罩/Colored Mask-米色Sandy Beige
- 11# 彩色口罩/Colored Mask-米灰色Dove Grey
- 12# 彩色口罩/Colored Mask-紫色Ultraviolet
- 13# 彩色口罩/Colored Mask-米白色Champagne
- 14# 彩色口罩/Colored Mask-杏色Natural Sand
- 15# 彩色口罩/Colored Mask-深灰色Espresso
- 16# 彩色口罩/Colored Mask-浅灰色Silver Grey
- 17# 彩色口罩/Colored Mask-浅杏色Light Blush



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01# 彩色口罩/Colored Mask-大红色Racing Red						
呼吸阻力 Respiratory Resistance	呼气阻力 Expiratory Resistance	Pa	≤210	未预处理样品 Samples Without Pretreatment 1: 207 2: 201 预处理样品 Samples With Pretreatment 1: 181 2: 185	符合 Pass	GB 2626-2019
	吸气阻力 Inspiratory Resistance	Pa	≤210	未预处理样品 Samples Without Pretreatment 1: 208 2: 205 预处理样品 Samples With Pretreatment 1: 187 2: 192		
02# 彩色口罩/Colored Mask-桃红色Fuchsia						
可燃性 Flammability	续燃时间 Afterflame Time	s	≤5	0	符合 Pass	GB 2626-2019
03# 彩色口罩/Colored Mask-粉红色Rose Quartz						



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外观检查 Appearance Inspection	样品表面 Surface of The Sample	/	按标准要求 As per standard requirement	+	符合 Pass	GB 2626-2019
	部件材料和结构 Component Material and Construction	/	按标准要求 As per standard requirement	+		
	部件经过温度湿度预处理后 The components after the temperature and humidity pretreatment	/	按标准要求 As per standard requirement	+		
	标识和制造商所提供的各种信息 Label and various information provided by manufacturer	/	按标准要求 As per standard requirement	+		
04# 彩色口罩/Colored Mask-棕色Maroon						
过滤效率 Filtration Efficiency (KN95)	氯化钠颗粒物 NaCl Particle	%	≥95.0	未预处理样品 Samples Without Pretreatment 1: 99.80 2: 99.86 3: 99.83 4: 99.83 5: 99.78 6: 99.75 7: 99.79 8: 99.75 9: 99.90 10: 99.83 11: 99.78 12: 99.88 13: 99.79 14: 99.91 15: 99.88 预处理样品 Samples With Pretreatment 1: 99.42 2: 99.64 3: 99.68 4: 99.59 5: 99.66	符合 Pass	GB 2626-2019



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05# 彩色口罩/Colored Mask-深蓝色Royal Blue						
外观检查 Appearance Inspection	样品表面 Surface of The Sample	/	按标准要求 As per standard requirement	+	符合 Pass	GB 2626-2019
	部件材料和结构 Component Material and Construction	/	按标准要求 As per standard requirement	+		
	部件经过温度湿度预处理后 The components after the temperature and humidity pretreatment	/	按标准要求 As per standard requirement	+		
	标识和制造商所提供的各种信息 Label and various information provided by manufacturer	/	按标准要求 As per standard requirement	+		
06# 彩色口罩/Colored Mask-蓝色Powder Blue						
可燃性 Flammability	续燃时间 Afterflame Time	s	≤5	0	符合 Pass	GB 2626-2019
07# 彩色口罩/Colored Mask-深绿色Forest Pine						
视野 View	下方视野 View Blow	°	≥35	61	符合 Pass	GB 2890-2009
	双目视野 Binocular View	%	≥65	>65		
08# 彩色口罩/Colored Mask-浅绿色Sweet Pea						





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检测项目 Test Items	项目描述 Description	单位 Unit	标准值 Standard Requirement	实测值 Results	评价 Conclusions	执行标准/备注 Test Method/ Remarks
头带 Head Harness	/	/	呼吸器的每条头带、带扣及其他调节部件在承受10N,持续10s的拉力时,不应出现滑脱或断裂 Each head harness, buckle and other adjustment components of the respirator should not have slippage or breaking for 10s under 10N loading.	10N负荷持续10秒,头带未出现滑脱、断裂 The head harness have no slippage or breaking for 10s under 10N loading	符合 Pass	GB 2626-2019
09# 彩色口罩/Colored Mask-橘色Citrus Orange						
视野 View	下方视野 View Blow	°	≥35	61	符合 Pass	GB 2890-2009
	双目视野 Binocular View	%	≥65	>65		
10# 彩色口罩/Colored Mask-米色Sandy Beige						
呼吸阻力 Respiratory Resistance	呼气阻力 Expiratory Resistance	Pa	≤210	未预处理样品 Samples Without Pretreatment 1: 201 2: 195 预处理样品 Samples With Pretreatment 1: 178 2: 182	符合 Pass	GB 2626-2019
	吸气阻力 Inspiratory Resistance	Pa	≤210	未预处理样品 Samples Without Pretreatment 1: 205 2: 198 预处理样品 Samples With Pretreatment 1: 186 2: 190		
11# 彩色口罩/Colored Mask-米灰色Dove Grey						
可燃性 Flammability	续燃时间 Afterflame Time	s	≤5	0	符合 Pass	GB 2626-2019



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检测项目 Test Items	项目描述 Description	单位 Unit	标准值 Standard Requirement	实测值 Results	评价 Conclusions	执行标准/备注 Test Method/ Remarks
12# 彩色口罩/Colored Mask-紫色Ultraviolet						
头带 Head Harness	/	/	呼吸器的每条头带、带扣及其他调节部件在承受10N,持续10s的拉力时,不应出现滑脱或断裂 Each head harness, buckle and other adjustment components of the respirator should not have slippage or breaking for 10s under 10N loading.	10N负荷持续10秒,头带未出现滑脱、断裂 The head harness have no slippage or breaking for 10s under 10N loading	符合 Pass	GB 2626-2019
13# 彩色口罩/Colored Mask-米白色Champagne						
呼吸阻力 Respiratory Resistance	呼气阻力 Expiratory Resistance	Pa	≤210	未预处理样品 Samples Without Pretreatment 1: 206 2: 204 预处理样品 Samples With Pretreatment 1: 201 2: 203	符合 Pass	GB 2626-2019
	吸气阻力 Inspiratory Resistance	Pa	≤210	未预处理样品 Samples Without Pretreatment 1: 209 2: 207 预处理样品 Samples With Pretreatment 1: 203 2: 206		
14# 彩色口罩/Colored Mask-杏色Natural Sand						
视野 View	下方视野 View Blow	°	≥35	61	符合 Pass	GB 2890-2009
	双目视野 Binocular View	%	≥65	>65		
15# 彩色口罩/Colored Mask-深灰色Espresso						



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检测项目 Test Items	项目描述 Description	单位 Unit	标准值 Standard Requirement	实测值 Results	评价 Conclusions	执行标准/备注 Test Method/ Remarks
过滤效率 Filtration Efficiency (KN95)	氯化钠颗粒物 NaCl Particle	%	≥95.0	未预处理样品 Samples Without Pretreatment 1: 99.76 2: 99.70 3: 99.70 4: 99.78 5: 99.80 6: 99.85 7: 99.77 8: 99.84 9: 99.78 10: 99.71 11: 99.75 12: 99.71 13: 99.75 14: 99.75 15: 99.69 预处理样品 Samples With Pretreatment 1: 99.66 2: 99.56 3: 99.55 4: 99.67 5: 99.65	符合 Pass	GB 2626-2019
16#	彩色口罩/Colored Mask-浅灰色Silver Grey					
头带 Head Harness	/	/	呼吸器的每条头带、带扣及其他调节部件在承受10N, 持续10s的拉力时, 不应出现滑脱或断裂 Each head harness, buckle and other adjustment components of the respirator should not have slippage or breaking for 10s under 10N loading.	10N负荷持续10秒, 头带未出现滑脱、断裂 The head harness have no slippage or breaking for 10s under 10N loading	符合 Pass	GB 2626-2019
17#	彩色口罩/Colored Mask-浅杏色Light Blush					



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检测项目 Test Items	项目描述 Description	单位 Unit	标准值 Standard Requirement	实测值 Results	评价 Conclusions	执行标准/备注 Test Method/ Remarks
外观检查 Appearance Inspection	样品表面 Surface of The Sample	/	按标准要求 As per standard requirement	+	符合 Pass	GB 2626-2019
	部件材料和结构 Component Material and Construction	/	按标准要求 As per standard requirement	+		
	部件经过温度湿度预处理后 The components after the temperature and humidity pretreatment	/	按标准要求 As per standard requirement	+		
	标识和制造商所提供的各种信息 Label and various information provided by manufacturer	/	按标准要求 As per standard requirement	+		

表中“+”为符合标准要求,“×”表示不符合标准要求。  
+ Meet the standard requirements, × Not Meet the standard requirements.



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**国家服装质量监督检验中心 (天津)**  
National Clothing Quality Inspection & Supervision Center(Tianjin)  
**国家针织产品质量监督检验中心**  
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# 检验检测报告

Test Report

TTTS-FH22000054

## 样品 Sample





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## 检验检测报告

Test Report

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客户提供信息及要求 Information Provided by Client	委托单位/地址 Applicant	惠州博文制造有限公司 Huizhou Bowen Manufacturing Limited 广东省惠州市博罗县园洲镇下南村新南一路 Xinnan 1st Road, Xianan Village, Yuanzhou Town, Boluo County, Huizhou City, Guangdong Province, P. R. China			送样人: Contact /
	生产单位/地址 Manufacturer	惠州博文制造有限公司 Huizhou Bowen Manufacturing Limited 广东省惠州市博罗县园洲镇下南村新南一路 Xinnan 1st Road, Xianan Village, Yuanzhou Town, Boluo County, Huizhou City, Guangdong Province, P. R. China			电话: Tel. /
	样品信息 Information of Submitted Sample	样品名称: Sample Name	MINI 防护口罩 Junior Protective Respirator	商标: Trademark	KAZE
		样品总数: Sample Count	100个 100Pieces	颜色: Colour	/
	号型规格: Size or Specification	MINI FOLD MASK/KAZE-03	安全类别: Safety Category	/	
	质量等级: Quality Grade	/	产品款号或货号: Style No. or Order No.	2022-01	
判定标准: Test Standards	GB 2626-2019 呼吸防护 自吸过滤式防颗粒物呼吸器(KN95) Respiratory protection-Non-powered air-purifying particle respirator (KN95)				
样品描述 Test Part Description	见第2页 See Page 2				
检验性质 Test Type	委托检验 Commission Test	样品接收日期 Date of Submission	2022-01-14	报告发布日期 Date of Issuing	2022-01-19
检验日期 Test Date	2022-01-14		到 To	2022-01-19	
执行标准 Test Standards	见附页 See next page(s)				
检验结论 Conclusion	检验结果及符合性见附页。 Test results and compliance refer to next page(s).			检测专用章 (e)	
备注 Remarks	/				
	检验单位盖章 Stamp of Inspection Unit				

批准:  
Approver

方倩

审核:  
Checker

于洋

编制:  
Editor

鲍子宇





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# 检验检测报告

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## 样品描述 Test Part Description

- 01# 彩色口罩/Colored Mask-浅紫色Light Purple F#
- 02# 彩色口罩/Colored Mask-浅绿色Light Green F#
- 03# 彩色口罩/Colored Mask-紫色Purple F#
- 04# 彩色口罩/Colored Mask-蓝色Blue F#
- 05# 彩色口罩/Colored Mask-棕色Brown F#
- 06# 彩色口罩/Colored Mask-绿色Cream G#
- 07# 彩色口罩/Colored Mask-粉色Pink G#
- 08# 彩色口罩/Colored Mask-浅蓝色Light Blue G#
- 09# 彩色口罩/Colored Mask-蓝色Blue G#
- 10# 彩色口罩/Colored Mask-红色Red G#



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# 检验检测报告

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检测项目 Test Items	项目描述 Description	单位 Unit	标准值 Standard Requirement	实测值 Results	评价 Conclusions	执行标准/备注 Test Method/ Remarks
01# 彩色口罩/Colored Mask-浅紫色Light Purple F#						
可燃性 Flammability	续燃时间 Afterflame Time	s	≤5	0	符合 Pass	GB 2626-2019
02# 彩色口罩/Colored Mask-浅绿色Light Green F#						
呼吸阻力 Respiratory Resistance	呼气阻力 Expiratory Resistance	Pa	≤210	未预处理样品 Samples Without Pretreatment 1: 166 2: 170 预处理样品 Samples With Pretreatment 1: 168 2: 165	符合 Pass	GB 2626-2019
	吸气阻力 Inspiratory Resistance	Pa	≤210	未预处理样品 Samples Without Pretreatment 1: 187 2: 179 预处理样品 Samples With Pretreatment 1: 182 2: 189		
03# 彩色口罩/Colored Mask-紫色Purple F#						





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# 检验检测报告

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检测项目 Test Items	项目描述 Description	单位 Unit	标准值 Standard Requirement	实测值 Results	评价 Conclusions	执行标准/备注 Test Method/ Remarks
过滤效率 Filtration Efficiency (KN95)	氯化钠颗粒物 NaCl Particle	%	≥95.0	未预处理样品 Samples Without Pretreatment 1: 99.81 2: 99.82 3: 99.80 4: 99.74 5: 99.81 6: 99.73 7: 99.80 8: 99.71 9: 99.71 10: 99.72 11: 99.78 12: 99.66 13: 99.76 14: 99.72 15: 99.69 预处理样品 Samples With Pretreatment 1: 98.91 2: 99.13 3: 99.29 4: 99.16 5: 99.23	符合 Pass	GB 2626-2019
04# 彩色口罩/Colored Mask-蓝色Blue F#						
呼吸阻力 Respiratory Resistance	呼气阻力 Expiratory Resistance	Pa	≤210	未预处理样品 Samples Without Pretreatment 1: 157 2: 164 预处理样品 Samples With Pretreatment 1: 161 2: 160	符合 Pass	GB 2626-2019
	吸气阻力 Inspiratory Resistance	Pa	≤210	未预处理样品 Samples Without Pretreatment 1: 166 2: 171 预处理样品 Samples With Pretreatment 1: 160 2: 167		
05# 彩色口罩/Colored Mask-棕色Brown F#						



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检测项目 Test Items	项目描述 Description	单位 Unit	标准值 Standard Requirement	实测值 Results	评价 Conclusions	执行标准/备注 Test Method/ Remarks
外观检查 Appearance Inspection	样品表面 Surface of The Sample	/	按标准要求 As per standard requirement	+	符合 Pass	GB 2626-2019
	部件材料和结构 Component Material and Construction	/	按标准要求 As per standard requirement	+		
	部件经过温度湿度预处理后 The components after the temperature and humidity pretreatment	/	按标准要求 As per standard requirement	+		
	标识和制造商所提供的各种信息 Label and various information provided by manufacturer	/	按标准要求 As per standard requirement	+		
06# 彩色口罩/Colored Mask-绿色Cream G#						
视野 View	下方视野 View Blow	°	≥35	61	符合 Pass	GB 2890-2009
	双目视野 Binocular View	%	≥65	>65		
07# 彩色口罩/Colored Mask-粉色Pink G#						
视野 View	下方视野 View Blow	°	≥35	61	符合 Pass	GB 2890-2009
	双目视野 Binocular View	%	≥65	>65		
08# 彩色口罩/Colored Mask-浅蓝色Light Blue G#						
可燃性 Flammability	续燃时间 Afterflame Time	s	≤5	0	符合 Pass	GB 2626-2019
09# 彩色口罩/Colored Mask-蓝色Blue G#						



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# 检验检测报告

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检测项目 Test Items	项目描述 Description	单位 Unit	标准值 Standard Requirement	实测值 Results	评价 Conclusions	执行标准/备注 Test Method/ Remarks
头带 Head Harness	/	/	呼吸器的每条头带、带扣及其他调节部件在承受10N,持续10s的拉力时,不应出现滑脱或断裂 Each head harness, buckle and other adjustment components of the respirator should not have slippage or breaking for 10s under 10N loading.	10N负荷持续10秒,头带未出现滑脱、断裂 The head harness have no slippage or breaking for 10s under 10N loading	符合 Pass	GB 2626-2019
10# 彩色口罩/Colored Mask-红色Red G#						
视野 View	下方视野 View Blow	°	≥35	61	符合 Pass	GB 2890-2009
	双目视野 Binocular View	%	≥65	>65		

表中“+”为符合标准要求,“×”表示不符合标准要求。

+ Meet the standard requirements, × Not Meet the standard requirements.



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# 检验检测报告

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## 样品 Sample





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# 检验检测报告

Test Report

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Page 1 of 7

客户提供信息及要求 Information Provided by Client	委托单位/地址 Applicant	惠州博文制造有限公司 Huizhou Bowen Manufacturing Limited 广东省惠州市博罗县园洲镇下南村新南一路 Xinnan 1st Road, Xianan Village, Yuanzhou Town, Boluo County, Huizhou City, Guangdong Province, P. R. China			送样人: Contact /
	生产单位/地址 Manufacturer	惠州博文制造有限公司 Huizhou Bowen Manufacturing Limited 广东省惠州市博罗县园洲镇下南村新南一路 Xinnan 1st Road, Xianan Village, Yuanzhou Town, Boluo County, Huizhou City, Guangdong Province, P. R. China			电话: Tel. /
	样品信息 Information of Submitted Sample	样品名称: Sample Name	MINI 防护口罩 Junior Protective Respirator	商标: Trademark	KAZE
		样品总数: Sample Count	100个 100Pieces	颜色: Colour	/
	号型规格: Size or Specification	MINI FOLD MASK/KAZE-03	安全类别: Safety Category	/	
	质量等级: Quality Grade	/	产品款号或货号: Style No. or Order No.	2022-01	
判定标准: Test Standards	GB 2626-2019 呼吸防护 自吸过滤式防颗粒物呼吸器(KN95) Respiratory protection-Non-powered air-purifying particle respirator (KN95)				
样品描述 Test Part Description	见第2页 See Page 2				
检验性质 Test Type	委托检验 Commission Test	样品接收日期 Date of Submission	2022-01-14	报告发布日期 Date of Issuing	2022-01-19
检验日期 Test Date	2022-01-14		到 To	2022-01-19	
执行标准 Test Standards	见附页 See next page(s)				
检验结论 Conclusion	检验结果及符合性见附页。 Test results and compliance refer to next page(s).			检测专用章 (e)	
备注 Remarks	/				
	检验单位盖章 Stamp of Inspection Unit				

批准:  
Approver

方倩

审核:  
Checker

于洋

编制:  
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鲍子宇





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# 检验检测报告

Test Report

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## 样品描述 Test Part Description

- 01# 彩色口罩/Colored Mask-深绿色Snowy forest (6ply)
- 02# 彩色口罩/Colored Mask-棕色Frosted berry (6ply)
- 03# 彩色口罩/Colored Mask-大红色Holly red (6ply)
- 04# 彩色口罩/Colored Mask-深蓝色Arctic blue (6ply)
- 05# 彩色口罩/Colored Mask-橘色Apple cider (6ply)
- 06# 彩色口罩/Colored Mask-橙色花纹Bloomington
- 07# 彩色口罩/Colored Mask-棕紫色花纹Dreamweaver
- 08# 彩色口罩/Colored Mask-绿色花纹Photosynthesis
- 09# 彩色口罩/Colored Mask-蓝色花纹Seaglass
- 10# 彩色口罩/Colored Mask-红色花纹Sweet nectar



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# 检验检测报告

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检测项目 Test Items	项目描述 Description	单位 Unit	标准值 Standard Requirement	实测值 Results	评价 Conclusions	执行标准/备注 Test Method/ Remarks
01# 彩色口罩/Colored Mask-深绿色Snowy forest (6ply)						
呼吸阻力 Respiratory Resistance	呼气阻力 Expiratory Resistance	Pa	≤210	未预处理样品 Samples Without Pretreatment 1: 205 2: 203 预处理样品 Samples With Pretreatment 1: 200 2: 199	符合 Pass	GB 2626-2019
	吸气阻力 Inspiratory Resistance	Pa	≤210	未预处理样品 Samples Without Pretreatment 1: 209 2: 206 预处理样品 Samples With Pretreatment 1: 197 2: 201		
02# 彩色口罩/Colored Mask-棕色Frosted berry (6ply)						
呼吸阻力 Respiratory Resistance	呼气阻力 Expiratory Resistance	Pa	≤210	未预处理样品 Samples Without Pretreatment 1: 207 2: 204 预处理样品 Samples With Pretreatment 1: 203 2: 200	符合 Pass	GB 2626-2019
	吸气阻力 Inspiratory Resistance	Pa	≤210	未预处理样品 Samples Without Pretreatment 1: 206 2: 209 预处理样品 Samples With Pretreatment 1: 204 2: 199		
03# 彩色口罩/Colored Mask-大红色Holly red (6ply)						



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# 检验检测报告

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检测项目 Test Items	项目描述 Description	单位 Unit	标准值 Standard Requirement	实测值 Results	评价 Conclusions	执行标准/备注 Test Method/ Remarks
过滤效率 Filtration Efficiency (KN95)	氯化钠颗粒物 NaCl Particle	%	≥95.0	未预处理样品 Samples Without Pretreatment 1: 99.83 2: 99.84 3: 99.82 4: 99.77 5: 99.79 6: 99.78 7: 99.76 8: 99.75 9: 99.74 10: 99.78 11: 99.78 12: 99.76 13: 99.79 14: 99.80 15: 99.77 预处理样品 Samples With Pretreatment 1: 99.71 2: 99.72 3: 99.68 4: 99.72 5: 99.70	符合 Pass	GB 2626-2019
04#	彩色口罩/Colored Mask-深蓝色Arctic blue(6ply)					
外观检查 Appearance Inspection	样品表面 Surface of The Sample	/	按标准要求 As per standard requirement	+	符合 Pass	GB 2626-2019
	部件材料和结构 Component Material and Construction	/	按标准要求 As per standard requirement	+		
	部件经过温度湿度预处理后 The components after the temperature and humidity pretreatment	/	按标准要求 As per standard requirement	+		
	标识和制造商所提供的各种信息 Label and various information provided by manufacturer	/	按标准要求 As per standard requirement	+		





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# 检验检测报告

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检测项目 Test Items	项目描述 Description	单位 Unit	标准值 Standard Requirement	实测值 Results	评价 Conclusions	执行标准/备注 Test Method/ Remarks
05# 彩色口罩/Colored Mask-橘色Apple cider(6ply)						
可燃性 Flammability	续燃时间 Afterflame Time	s	≤5	0	符合 Pass	GB 2626-2019
06# 彩色口罩/Colored Mask-橙色花纹Bloomington						
可燃性 Flammability	续燃时间 Afterflame Time	s	≤5	0	符合 Pass	GB 2626-2019
07# 彩色口罩/Colored Mask-棕紫色花纹Dreamweaver						
头带 Head Harness	/	/	呼吸器的每条头带、带扣及其他调节部件在承受10N,持续10s的拉力时,不应出现滑脱或断裂 Each head harness, buckle and other adjustment components of the respirator should not have slippage or breaking for 10s under 10N loading.	10N负荷持续10秒,头带未出现滑脱、断裂 The head harness have no slippage or breaking for 10s under 10N loading	符合 Pass	GB 2626-2019
08# 彩色口罩/Colored Mask-绿色花纹Photosynthesis						
视野 View	下方视野 View Blow	°	≥35	61	符合 Pass	GB 2890-2009
	双目视野 Binocular View	%	≥65	>65		
09# 彩色口罩/Colored Mask-蓝色花纹Seaglass						
视野 View	下方视野 View Blow	°	≥35	61	符合 Pass	GB 2890-2009
	双目视野 Binocular View	%	≥65	>65		
10# 彩色口罩/Colored Mask-红色花纹Sweet nectar						



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# 检验检测报告

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检测项目 Test Items	项目描述 Description	单位 Unit	标准值 Standard Requirement	实测值 Results	评价 Conclusions	执行标准/备注 Test Method/ Remarks
外观检查 Appearance Inspection	样品表面 Surface of The Sample	/	按标准要求 As per standard requirement	+	符合 Pass	GB 2626-2019
	部件材料和结构 Component Material and Construction	/	按标准要求 As per standard requirement	+		
	部件经过温度湿度预处理后 The components after the temperature and humidity pretreatment	/	按标准要求 As per standard requirement	+		
	标识和制造商所提供的各种信息 Label and various information provided by manufacturer	/	按标准要求 As per standard requirement	+		

表中“+”为符合标准要求,“×”表示不符合标准要求。

+ Meet the standard requirements, × Not Meet the standard requirements.



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国家服装质量监督检验中心(天津)  
National Clothing Quality Inspection & Supervision Center(Tianjin)  
国家针织产品质量监督检验中心  
National Knitted Product Quality Inspection & Supervision Center

# 检验检测报告

Test Report

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## 样品 Sample





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# 检验检测报告

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客户提供信息及要求 Information Provided by Client	委托单位/地址 Applicant	惠州博文制造有限公司 Huizhou Bowen Manufacturing Limited 广东省惠州市博罗县园洲镇下南村新南一路 Xinnan 1st Road, Xianan Village, Yuanzhou Town, Boluo County, Huizhou City, Guangdong Province, P. R. China			送样人: Contact /	
	生产单位/地址 Manufacturer	惠州博文制造有限公司 Huizhou Bowen Manufacturing Limited 广东省惠州市博罗县园洲镇下南村新南一路 Xinnan 1st Road, Xianan Village, Yuanzhou Town, Boluo County, Huizhou City, Guangdong Province, P. R. China			电话: Tel. /	
	样品信息 Information of Submitted Sample	样品名称: Sample Name	MINI 防护口罩 Junior Protective Respirator	商标: Trademark	KAZE	
		样品总数: Sample Count	100个 100Pieces	颜色: Colour	/	
	号型规格: Size or Specification	MINI FOLD MASK/KAZE-03	安全类别: Safety Category	/		
	质量等级: Quality Grade	/	产品款号或货号: Style No. or Order No.	2022-01		
判定标准: Test Standards	GB 2626-2019 呼吸防护 自吸过滤式防颗粒物呼吸器(KN95) Respiratory protection-Non-powered air-purifying particle respirator (KN95)					
样品描述 Test Part Description	见第2页 See Page 2					
检验性质 Test Type	委托检验 Commission Test	样品接收日期 Date of Submission	2022-01-14	报告发布日期 Date of Issuing	2022-01-19	
检验日期 Test Date	2022-01-14		到 To	2022-01-19		
执行标准 Test Standards	见附页 See next page(s)					
检验结论 Conclusion	检验结果及符合性见附页。 Test results and compliance refer to next page(s).			检测专用章 (e)		
备注 Remarks	/					
	检验单位盖章 Stamp of Inspection Unit					

批准:  
Approver

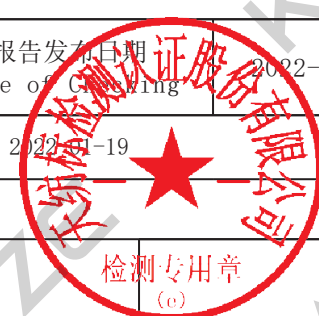
方倩

审核:  
Checker

于洋

编制:  
Editor

鲍子宇





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# 检验检测报告

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## 样品描述 Test Part Description

- 01# 彩色口罩(十字纹)/Colored Mask (Cross) -焦糖色十字纹Bubblegum Cross A#
- 02# 彩色口罩(十字纹)/Colored Mask (Cross) -钴蓝色十字纹Coblat Blue Cross A#
- 03# 彩色口罩(十字纹)/Colored Mask (Cross) -石灰色十字纹Key Lime Cross A#
- 04# 彩色口罩(十字纹)/Colored Mask (Cross) -浆果紫色十字纹Purple berry Cross A#
- 05# 彩色口罩(十字纹)/Colored Mask (Cross) -薄荷绿色十字纹Spearmint Cross A#
- 06# 彩色口罩(十字纹)/Colored Mask (Cross) -象牙白色十字纹Ivory Cross B#
- 07# 彩色口罩(十字纹)/Colored Mask (Cross) -玛瑙色十字纹Onyx Cross B#
- 08# 彩色口罩(十字纹)/Colored Mask (Cross) -黄色十字纹Yellow Cross C#
- 09# 彩色口罩(十字纹)/Colored Mask (Cross) -蓝色十字纹Blue Cross C#
- 10# 彩色口罩(十字纹)/Colored Mask (Cross) -绿色十字纹Green Cross C#
- 11# 彩色口罩(十字纹)/Colored Mask (Cross) -红色十字纹Red Cross C#
- 12# 彩色口罩(十字纹)/Colored Mask (Cross) -橘色十字纹Orange Cross C#
- 13# 彩色口罩(十字纹)/Colored Mask (Cross) -蓝色十字纹Blue Cross D#
- 14# 彩色口罩(十字纹)/Colored Mask (Cross) -灰色十字纹Grey Cross D#
- 15# 彩色口罩(十字纹)/Colored Mask (Cross) -浅棕色十字纹Light Brown Cross E#
- 16# 彩色口罩(十字纹)/Colored Mask (Cross) -棕色十字纹Brown Cross E#



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检测项目 Test Items	项目描述 Description	单位 Unit	标准值 Standard Requirement	实测值 Results	评价 Conclusions	执行标准/备注 Test Method/ Remarks
01# 彩色口罩(十字纹)/Colored Mask (Cross)-焦糖色十字纹Bubblegum Cross A#						
呼吸阻力 Respiratory Resistance	呼气阻力 Expiratory Resistance	Pa	≤210	未预处理样品 Samples Without Pretreatment 1: 203 2: 205 预处理样品 Samples With Pretreatment 1: 199 2: 204	符合 Pass	GB 2626-2019
	吸气阻力 Inspiratory Resistance	Pa	≤210	未预处理样品 Samples Without Pretreatment 1: 206 2: 209 预处理样品 Samples With Pretreatment 1: 201 2: 208		
02# 彩色口罩(十字纹)/Colored Mask (Cross)-钴蓝色十字纹Coblat Blue Cross A#						
可燃性 Flammability	续燃时间 Afterflame Time	s	≤5	0	符合 Pass	GB 2626-2019
03# 彩色口罩(十字纹)/Colored Mask (Cross)-石灰色十字纹Key Lime Cross A#						



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检测项目 Test Items	项目描述 Description	单位 Unit	标准值 Standard Requirement	实测值 Results	评价 Conclusions	执行标准/备注 Test Method/ Remarks
外观检查 Appearance Inspection	样品表面 Surface of The Sample	/	按标准要求 As per standard requirement	+	符合 Pass	GB 2626-2019
	部件材料和结构 Component Material and Construction	/	按标准要求 As per standard requirement	+		
	部件经过温度湿度预处理后 The components after the temperature and humidity pretreatment	/	按标准要求 As per standard requirement	+		
	标识和制造商所提供的各种信息 Label and various information provided by manufacturer	/	按标准要求 As per standard requirement	+		
04# 彩色口罩(十字纹)/Colored Mask (Cross) - 浆果紫色十字纹Purple berry Cross A#						
过滤效率 Filtration Efficiency (KN95)	氯化钠颗粒物 NaCl Particle	%	≥95.0	未预处理样品 Samples Without Pretreatment 1: 99.70 2: 99.73 3: 99.76 4: 99.73 5: 99.79 6: 99.76 7: 99.75 8: 99.77 9: 99.71 10: 99.73 11: 99.72 12: 99.73 13: 99.80 14: 99.73 15: 99.74 预处理样品 Samples With Pretreatment 1: 99.65 2: 99.66 3: 99.68 4: 99.63 5: 99.63	符合 Pass	GB 2626-2019



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检测项目 Test Items	项目描述 Description	单位 Unit	标准值 Standard Requirement	实测值 Results	评价 Conclusions	执行标准/备注 Test Method/ Remarks
05# 彩色口罩(十字纹)/Colored Mask (Cross)-薄荷绿色十字纹Spearmint Cross A#						
外观检查 Appearance Inspection	样品表面 Surface of The Sample	/	按标准要求 As per standard requirement	+	符合 Pass	GB 2626-2019
	部件材料和结构 Component Material and Construction	/	按标准要求 As per standard requirement	+		
	部件经过温度湿度预处理后 The components after the temperature and humidity pretreatment	/	按标准要求 As per standard requirement	+		
	标识和制造商所提供的各种信息 Label and various information provided by manufacturer	/	按标准要求 As per standard requirement	+		
06# 彩色口罩(十字纹)/Colored Mask (Cross)-象牙白色十字纹Ivory Cross B#						
可燃性 Flammability	续燃时间 Afterflame Time	s	≤5	0	符合 Pass	GB 2626-2019
07# 彩色口罩(十字纹)/Colored Mask (Cross)-玛瑙色十字纹Onyx Cross B#						
视野 View	下方视野 View Blow	°	≥35	61	符合 Pass	GB 2890-2009
	双目视野 Binocular View	%	≥65	>65		
08# 彩色口罩(十字纹)/Colored Mask (Cross)-黄色十字纹Yellow Cross C#						





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# 检验检测报告

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检测项目 Test Items	项目描述 Description	单位 Unit	标准值 Standard Requirement	实测值 Results	评价 Conclusions	执行标准/备注 Test Method/ Remarks
头带 Head Harness	/	/	呼吸器的每条头带、带扣及其他调节部件在承受10N,持续10s的拉力时,不应出现滑脱或断裂 Each head harness, buckle and other adjustment components of the respirator should not have slippage or breaking for 10s under 10N loading.	10N负荷持续10秒,头带未出现滑脱、断裂 The head harness have no slippage or breaking for 10s under 10N loading	符合 Pass	GB 2626-2019
09# 彩色口罩(十字纹)/Colored Mask (Cross) -蓝色十字纹Blue Cross C#						
视野 View	下方视野 View Blow	°	≥35	61	符合 Pass	GB 2890-2009
	双目视野 Binocular View	%	≥65	>65		
10# 彩色口罩(十字纹)/Colored Mask (Cross) -绿色十字纹Green Cross C#						
呼吸阻力 Respiratory Resistance	呼气阻力 Expiratory Resistance	Pa	≤210	未预处理样品 Samples Without Pretreatment 1: 197 2: 194 预处理样品 Samples With Pretreatment 1: 181 2: 186	符合 Pass	GB 2626-2019
	吸气阻力 Inspiratory Resistance	Pa	≤210	未预处理样品 Samples Without Pretreatment 1: 200 2: 198 预处理样品 Samples With Pretreatment 1: 194 2: 197		
11# 彩色口罩(十字纹)/Colored Mask (Cross) -红色十字纹Red Cross C#						
可燃性 Flammability	续燃时间 Afterflame Time	s	≤5	0	符合 Pass	GB 2626-2019



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# 检验检测报告

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检测项目 Test Items	项目描述 Description	单位 Unit	标准值 Standard Requirement	实测值 Results	评价 Conclu sions	执行标准/备注 Test Method/ Remarks
12# 彩色口罩(十字纹)/Colored Mask (Cross) -橘色十字纹Orange Cross C#						
头带 Head Harness	/	/	呼吸器的每条头带、带扣及其他调节部件在承受10N,持续10s的拉力时,不应出现滑脱或断裂 Each head harness, buckle and other adjustment components of the respirator should not have slippage or breaking for 10s under 10N loading.	10N负荷持续10秒,头带未出现滑脱、断裂 The head harness have no slippage or breaking for 10s under 10N loading	符合 Pass	GB 2626-2019
13# 彩色口罩(十字纹)/Colored Mask (Cross) -蓝色十字纹Blue Cross D#						
呼吸阻力 Respiratory Resistance	呼气阻力 Expiratory Resistance	Pa	≤210	未预处理样品 Samples Without Pretreatment 1: 195 2: 200 预处理样品 Samples With Pretreatment 1: 198 2: 191	符合 Pass	GB 2626-2019
	吸气阻力 Inspiratory Resistance	Pa	≤210	未预处理样品 Samples Without Pretreatment 1: 199 2: 206 预处理样品 Samples With Pretreatment 1: 195 2: 192		
14# 彩色口罩(十字纹)/Colored Mask (Cross) -灰色十字纹Grey Cross D#						
视野 View	下方视野 View Blow	°	≥35	61	符合 Pass	GB 2890-2009
	双目视野 Binocular View	%	≥65	>65		
15# 彩色口罩(十字纹)/Colored Mask (Cross) -浅棕色十字纹Light Brown Cross E#						



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检测项目 Test Items	项目描述 Description	单位 Unit	标准值 Standard Requirement	实测值 Results	评价 Conclusions	执行标准/备注 Test Method/ Remarks
外观检查 Appearance Inspection	样品表面 Surface of The Sample	/	按标准要求 As per standard requirement	+	符合 Pass	GB 2626-2019
	部件材料和结构 Component Material and Construction	/	按标准要求 As per standard requirement	+		
	部件经过温度湿度预处理后 The components after the temperature and humidity pretreatment	/	按标准要求 As per standard requirement	+		
	标识和制造商所提供的各种信息 Label and various information provided by manufacturer	/	按标准要求 As per standard requirement	+		
16# 彩色口罩(十字纹)/Colored Mask (Cross) - 棕色十字纹Brown Cross E#						
头带 Head Harness	/	/	呼吸器的每条头带、带扣及其他调节部件在承受10N, 持续10s的拉力时, 不应出现滑脱或断裂 Each head harness, buckle and other adjustment components of the respirator should not have slippage or breaking for 10s under 10N loading.	10N负荷持续10秒, 头带未出现滑脱、断裂 The head harness have no slippage or breaking for 10s under 10N loading	符合 Pass	GB 2626-2019

表中“+”为符合标准要求, “×”表示不符合标准要求。

+ Meet the standard requirements, × Not Meet the standard requirements.



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## 样品 Sample

