



中国认可
国际互认
检测
TESTING
CNAS L10118



Test Report

Report No.:GW2067-2025

Product Name	Filtering half mask
Applicant	HUBEI YAZHI HYGIENE PRODUCTS CO.,LTD
Manufacturer	HUBEI YAZHI HYGIENE PRODUCTS CO.,LTD
Test Type	Entrusted inspection

Jiangsu Guojian Testing Technology Co.,Ltd

C301-C314, Unit C,3/F,Unit D, Xingye Building, 97-1 Linghu Avenue,Xinwu District, Wuxi City,Jiangsu Province, China





Test Report

Product name	Filtering half mask	Model name	YZP3001
		Brand	Hubei Yazhi
Laboratory/Add	Jiangsu Guojian Testing Technology Co., Ltd/ C301-C314, Unit C,3/F.,Unit D, Xingye Building, 97-1 Linghu Avenue,Xinwu District, Wuxi City,Jiangsu Province, China		
Applicant/Add/Tel	HUBEI YAZHI HYGIENE PRODUCTS CO.,LTD/SOUTH SIDE OF SHAHU AVENUE,SHAHU TOWN,XIANTAO CITY,HUBEI,CHINA,43300 /—		
Manufacturer/Add/Tel	HUBEI YAZHI HYGIENE PRODUCTS CO.,LTD/SOUTH SIDE OF SHAHU AVENUE,SHAHU TOWN,XIANTAO CITY,HUBEI,CHINA,43300 /—		
Sample classification	FFP3 NR D	Sample number	GW2067-2025
Sample quantity	50 PCS	Date of receipt of sample	28/08/2025
Test type	Entrusted inspection	Article/Batch/Style number	—
Date(s) of performance of tests	28/08/2025 ~ 03/09/2025	Testing location	Same as the Laboratory
Sample state	Meeting the requirements of testing	Sample description	Refer to page 3
Test standard(s)	EN 149:2001+A1:2009 Respiratory protective devices -Filtering half masks to protect against particles -Requirements,testing,marking		
Assessment standard(s)	EN 149:2001+A1:2009 Respiratory protective devices -Filtering half masks to protect against particles -Requirements,testing,marking		
Test item(s)	Clogging-Breathing resistance &Penetration of filter material		
Test result	The details of test results see on Pages 3-5.		
Note	Sample information is provided by the client, and this report is only responsible for samples submitted.		



Su Hequn

Approver(name,signature)

Zhang Huifen

Reviewer(name,signature)

Li Mingyue

Chief Tester(name,signature)

**Sample description:**

See the sample photo

Test item particulars:

- Type of useuse: ☐ re-useable particle filtering half mask
☒ single shift only particle filtering half mask
- Classes of devices.....: ☐ FFP1 ☐ FFP2 ☒ FFP3
- Exhalation valve(s).....: ☐ Yes ☒ No
- Inhalation valve(s).....: ☐ Yes ☒ No
- Designed to protect against both solid & liquid aerosols.: ☒ Yes ☐ No

Possible test case verdicts:

- Test case does not required to the test object.....: NRq(Not required)
- Test case does not apply to the test object.....: N/A (Not Applicable)
- Test object does meet the requirement.....: P (Pass)
- Test object does not meet the requirement.....: F (Fail)

General remarks:

The test results presented in this report relate only to the submitted sample as received.

This report shall not be reproduced, except in full, without the written approval of the issuing Laboratory can provide assurance that parts of a report are not taken out of context.

Determination of the test results includes consideration of measurement uncertainty from the test equipment and methods.

Throughout this report a ☐ comma / ☒ point is used as the decimal separator.

Environmental condition of the testing in this report:

- 1) Unless otherwise specified, the ambient temperature for testing shall be $(24 \pm 1) ^\circ\text{C}$;
- 2) T.C. Temperature conditioned:
- a) for 24 h to a dry atmosphere of $70 ^\circ\text{C}$; b) for 24 h to a temperature of $-30 ^\circ\text{C}$;
- and return to room temperature $(24 \pm 1) ^\circ\text{C}$ for 4 h between exposures and prior to subsequent testing.



S.No. (Cl.No.)	Test item	Unit	Technical requirement	Test result	Single item decision
1 (7.17)	Clogging-Breathing resistance & Penetration of filter material	—	Optional for single shift use devices, mandatory for re-usable devices. Tested by Cl. 7.17.1/2/3.	Test result refer to Table A,B	Pass
Note					

Table A- Clogging Test—Breathing resistance

S.No. (Cl.No.)	Test item		Unit	Technical requirement	Test result							Single item decision
					Condition	Sample No.	Facing directly ahead	Facing vertically upwards	Facing vertically downwards	Lying on the left side	Lying on the right side	
1 (7.17)	Clogging test— Breathing resistance	Inhalation 95 L/min	mbar	≤5	A.R.	7	2.39	2.37	2.36	2.36	2.37	Pass
					T.C.	8	2.41	2.42	2.42	2.43	2.44	
						9	2.36	2.36	2.34	2.33	2.35	
		Exhalation 95L/min		≤5	A.R.	7	1.92	1.94	1.94	1.93	1.92	
					T.C.	8	1.99	2.01	2.00	2.01	2.01	
						9	1.92	1.90	1.90	1.89	1.91	

Note 1: Valved particle filtering half masks

After clogging the inhalation resistances shall not exceed FFP1: 4 mbar FFP2: 5 mbar FFP3: 7 mbar at 95 L/min continuous flow;

The exhalation resistance shall not exceed 3 mbar at 160 L/min continuous flow.

Note 2: Valveless particle filtering half masks

After clogging the inhalation and exhalation resistances shall not exceed FFP1: 3 mbar, FFP2: 4 mbar FFP3: 5 mbar at 95 L/min continuous flow.

Table B- Clogging Test—Penetration of filter material

S.No. (Cl. No.)	Test item		Unit	Technical requirement	Test result			Single item decision
1 (7.17)	Clogging Test— Penetration of filter material	Sodium chloride	—	$\leq 1\%$	A.R.	Sample 1	0.02%	Pass
					T.C.	Sample 2	0.04%	
					T.C.	Sample 3	0.03%	
		Paraffin oil		$\leq 1\%$	A.R.	Sample 4	0.57%	
					T.C.	Sample 5	0.66%	
					T.C.	Sample 6	0.81%	

Note: Maximum penetration of test aerosol test 95 L/min max. FFP1: 20%, FFP2: 6%, FFP3: 1%



Abbreviations :

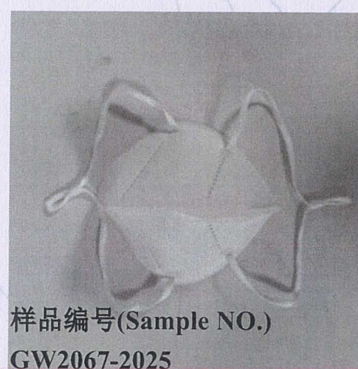
A.R. As received

T.C. Temperature conditioned

Annex A- Estimates of the uncertainty of measurement

Test item	Uncertainty
Clogging Test—Penetration of filter material	1.00%
Clogging Test—Breathing resistance	1.90%

Annex B- Sample Photo



The end

Points For Attention

1. This test report shall not be valid if it is not stamped with this Company special seal or data modification for the test report.
2. Any dissidence with the test results in this report should be submitted to this Company within 15 days from the date of receiving the report.
3. As for entrusted inspection of sample supplied by client, this Company is only responsible for the test results of the sample, which are used to provide the client with a good understanding of the sample quality.
4. This test report shall not be reproduced in any way without permission. The copy of the test report shall be reproduced in full and shall be valid after confirmed by this Company for affixing the special seal of test report.
5. The remaining samples of the test must be taken back within three months or shelf life whichever is shorter from receiving this test report. Those which are overdue to be taken back will be dealt with in accordance with this Company's regulations.
6. Since February 1, 2025, this company has activated the anti-counterfeiting traceability label. Test reports issued by this company include an anti-counterfeiting traceability QR code that can be scanned to access the official website and official account to verify authenticity.

Company address: C301-C314, Unit C, 3/F., Unit D, Xingye Building,
97- 1 Linghu Avenue, Xinwu District, Wuxi City, Jiangsu Province

Postal code:214000

Telephone number:0510-85385997、 0510-85387433、 0510-85384551

Fax:0510-85387433