



**SANOCARE<sup>+</sup>**



Technik und Leidenschaft

# Particle Filtering Face Mask

The **SANOCARE<sup>+</sup>** FFP2 mask offers a comfortable fit thanks to the pleasantly soft inner fleece and extra-wide, tight-fitting ear straps. It meets all standards and certifications. The five layers offer optimal protection against fine dust and aerosols. The flexible nasal clip enables a good and firm fit.



available at [Rutronik24.com](http://Rutronik24.com)



**CE 0598**



5 Layers

Brand	<b>SANOCARE<sup>+</sup></b>
Model #	FH-1
PU	20 pcs (single packaging)
Certification #	CE 0598
Tested according to norm	EN 149:2001+A1:2009
Filter	FFP2
Layers	5
Nasal clip	Yes
Material	54% Fleece   24,5% Meltblown- Fleece 21,5% Hot-Air Cotton
Reusable	No

**Contact:** Rutronik Elektronische Bauelemente GmbH | Tilo Rollwa Director Digital Marketing - Tel.: +49 7231 801 15 40 | [tilo.rollwa@rutronik.com](mailto:tilo.rollwa@rutronik.com)  
Stefanie Piller - Tel.: +49 7231 801 15 42 | [stefanie.piller@rutronik.com](mailto:stefanie.piller@rutronik.com) | Nikolai Schnarz - Tel.: +49 7231 801 14 27 | [nikolai.schnarz@rutronik.com](mailto:nikolai.schnarz@rutronik.com)



Certificate F120/966839

**Shenzhen Baishi Health Medicine Co.,Ltd**  
601, 10TH Plant, Longxing Street, Dakang Community, Yuan shan road, Long gang District, Shenzhen city, P.R.China

It is certified that the manufacturer's technical file and the PPE product detailed on page 2 have been assessed and found to be in accordance with

**Regulation (EU) 2016/425**  
Module B, EU type-examination

This certificate is valid from 12 October 2020 until 12 October 2025  
1. Certified since 12 October 2020

Authorized by

**FINAS**  
Finnish Accreditation Service  
S003 (EN ISO/IEC 17065)

SGS FIMKO OY, Notified Body 0598  
Tasavuo 5, FI-03030, Helsinki, Finland  
t +358 9 896 361 f +358 9 892 5474 www.sgs.com

Page 1 of 2

This document is issued by the Company subject to its General Conditions of Certification Service available at [www.sgs.com/fimko](http://www.sgs.com/fimko) and, conditions this document is based on the Regulations of safety, identification and operational use established therein. The authenticity of this document may be verified at <http://www.sgs.com/certificates> and upon request we shall provide the following information: Any unauthorised alteration, reprint or falsification of the content or distribution of this document is a criminal offence and wherever may be prosecuted to the fullest extent of the law.

Certificate F120/966839, continued

**Shenzhen Baishi Health Medicine Co.,Ltd**  
**Regulation (EU) 2016/425**  
Module B, EU type-examination

Issue 1

PPE Product

SPC Oxygen Energy (logo) FH-1 particle filtering half mask, consisting of a five layer (Polypropylene/hot air cotton) disposable face mask, with Polypropylene covered Aluminium nose clip and Polyester/Spandex ear loop.

It is certified that the manufacturer's technical file and the above mentioned PPE have been assessed and found to meet the applicable Essential Health and Safety Requirements in Annex II of Regulation (EU) 2016/425 Personal Protective Equipment.

The following have been applied:

EN 149: 2001 +A1:2009 (Respiratory protective devices- filtering half masks to protect against particles) device classification: FFP2 NR.

**FINAS**  
Finnish Accreditation Service  
S003 (EN ISO/IEC 17065)

This certificate is issued on strict condition that appropriate checks on manufactured PPE, as detailed in Article 19(c) of the regulation are implemented and maintained while the model is in production.

Certification is based on technical file reference:  
FH-1, Dated 04.09.2020

SGS Reference Number UK/CRS 242000

This certificate remains the property of SGS Fimko Oy to whom it must be returned on request.

Page 2 of 2

Certificate CN20/42709

The management system of

**Shenzhen Baishi Health Medicine Co.,Ltd**  
601, 10TH Plant, Longxing Street, Dakang Community, Yuan shan road, Long gang District, Shenzhen city, P.R.China

has been assessed and certified as meeting the requirements of

**Regulation (EU) 2016/425**  
Module C2

For the following activities

Manufacture of SPC Oxygen Energy (logo) FH-1 particle filtering half mask.

(Note: All products marked CE0598 must have a valid EU type-examination certificate issued under Module B or a valid EC type-examination certificate issued under Article 10 of Directive 89/686/EEC.)

This certificate is valid from 22 December 2020 and remains valid subject to satisfactory surveillance audits.  
Issue 1. Certified since 22 December 2020

Authorized by

**FINAS**  
Finnish Accreditation Service  
S003 (EN ISO/IEC 17065)

SGS FIMKO OY, Notified Body 0598  
Tasavuo 5, FI-03030, Helsinki, Finland  
t +358 9 896 361 f +358 9 892 5474 www.sgs.com

Page 1 of 1

This document is issued by the Company subject to its General Conditions of Certification Service available at [www.sgs.com/fimko](http://www.sgs.com/fimko) and, conditions this document is based on the Regulations of safety, identification and operational use established therein. The authenticity of this document may be verified at <http://www.sgs.com/certificates> and upon request we shall provide the following information: Any unauthorised alteration, reprint or falsification of the content or distribution of this document is a criminal offence and wherever may be prosecuted to the fullest extent of the law.

中国认可  
国际互认  
检测  
TESTING  
CNAS L0599H

**Test Report** SL52025256705901TX **Date:** June 13, 2020 **Page 1 of 10**  
SHENZHEN BAISHI HEALTH MEDICINE CO.,LTD  
601, 10TH PLANT, LONGXING STREET, DAKANG COMMUNITY, YUAN SHAN ROAD, LONG GANG DISTRICT, SHEN ZHEN CITY, CHINA

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

Sample Description : (A)Face mask  
Sample Color : (A)WHITE  
Test Performed : Selected test(s) as requested by applicant  
Sample Receiving Date : May 06, 2020  
Testing Period : May 26, 2020 - Jun 13, 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).

**Conclusion:**

Sample No.	Recommendation Level
(A)	FFP2 NR

Signed for and on behalf of  
SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd Testing Center

Sara Guo (Account Executive)

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed on the reverse side of the report or available at [www.sgs.com](http://www.sgs.com). The report is intended to provide information only. It does not constitute a warranty, and the Company disclaims any liability for any loss or damage, whether direct or indirect, arising from the use of the report. Any unauthorised alteration, reprint or falsification of the content or distribution of this document is a criminal offence and wherever may be prosecuted to the fullest extent of the law.

FINAS  
Finnish Accreditation Service  
S003 (EN ISO/IEC 17065)

上海 SGS 检测技术有限公司  
中国·上海·浦东新区三林板块三林路20033  
1 (86-21) 64096665 1 (86-21) 64096753 www.sgs.com.cn  
1 (86-21) 64096753 1 (86-21) 64096753 www.sgs.com.cn  
中国·上海·浦东新区三林板块三林路20033 1 (86-21) 64096665 1 (86-21) 64096753 www.sgs.com.cn

Member of the SGS Group (SGS SA)



Test Report SLS2025256705901TX Date: June 13, 2020 Page 2 of 10

Personal Protective Equipment - Respiratory Protective Devices-Filtering Half Masks to Protect against Particles- Requirements, Testing, Marking EN 149:2001+A1:2009

Clause 7.4 Packaging (EN 149:2001+A1:2009 Clause 8.2)

Table with 3 columns: Test Requirement, Results, Comment. Requirement: Particle filtering half masks shall be offered for sale packaged in such a way that they are protected against mechanical damage and contamination before use. Results: Comply. Comment: Pass.

Clause 7.5 Material (EN 149:2001+A1:2009, Clause 8.2 & 8.3.1 & 8.3.2)

Table with 3 columns: Test Requirement, Results, Comment. Requirement: Materials used shall be suitable to withstand handling and wear over the period for which the particle filtering half mask is designed to be used. Results: Comply. Comment: Pass.

Clause 7.6 Cleaning and Disinfecting (EN 149:2001+A1:2009, Clause 8.4 & 8.5 & 8.11)

Table with 3 columns: Test Requirement, Results, Comment. Requirement: If the particle filtering half mask is released by the air flow through the filter shall not constitute a hazard or nuisance for the wearer. Results: Not applicable. Comment: N.A.

Clause 7.7 Practical Performance (EN 149:2001+A1:2009, Clause 8.4)

Table with 3 columns: Test Requirement, Results, Comment. Requirement: The particle filtering half mask shall undergo practical performance tests under realistic conditions. Results: No imperfections. Comment: Pass.



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed on the reverse side of this document. It is the property of the Company and shall remain its property. It is not to be distributed, copied, reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or by any information storage and retrieval system, without the prior written permission of the Company. The Company shall not be liable for any loss or damage, including consequential loss or damage, arising from the use of this document. The Company shall not be liable for any loss or damage, including consequential loss or damage, arising from the use of this document. The Company shall not be liable for any loss or damage, including consequential loss or damage, arising from the use of this document.

Member of the SGS Group (SGS SA)



Test Report SLS2025256705901TX Date: June 13, 2020 Page 3 of 10

Clause 7.8 Finish of Parts (EN 149:2001+A1:2009, Clause 8.2)

Table with 3 columns: Test Requirement, Results, Comment. Requirement: Parts of the device likely to come into contact with the wearer shall have no sharp edges or burrs. Results: Comply. Comment: Pass.

Clause 7.9.1 Total Inward Leakage (EN 149:2001+A1:2009, Clause 8.5)

Table with 3 columns: Test Requirement, Results, Comment. Requirement: The total inward leakage consists of three components: face seal leakage, exhalation valve leakage (if exhalation valve fitted) and filter penetration. Results: Detail refer to Appendix 1. Comment: Meet FFP1, Meet FFP2.

Appendix 1: Summarization of Test Data

Table: Inward Leakage Test Data. Columns: Subject, Sample No., Condition, Walk(%), Head Side/Side(%), Head up/down(%), Talk(%), Walk(%), Mean(%). Rows: Zhou, Luo, Lu, Wang, Bao, Ding, Li, Chen, Song, Ye.

Facial Dimension(mm)

Table: Facial Dimension(mm). Columns: Subject, Face length, Face Width, Face Depth, Mouth Width. Rows: Chen, Lu, Zhou, Li, Luo, Zheng, Wang, Song, Bao.



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed on the reverse side of this document. It is the property of the Company and shall remain its property. It is not to be distributed, copied, reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or by any information storage and retrieval system, without the prior written permission of the Company. The Company shall not be liable for any loss or damage, including consequential loss or damage, arising from the use of this document. The Company shall not be liable for any loss or damage, including consequential loss or damage, arising from the use of this document. The Company shall not be liable for any loss or damage, including consequential loss or damage, arising from the use of this document.

Member of the SGS Group (SGS SA)



Test Report SLS2025256705901TX Date: June 13, 2020 Page 4 of 10

Table with 4 columns: Ding, Lu, Ye. Values: 134, 120, 126; 150, 135, 137; 110, 117, 105; 52, 50, 52.

Clause 7.9.2 Penetration of Filter Material (EN 149:2001+A1:2009, Clause 8.11 & EN 13274-7:2019)

Table with 3 columns: Test Requirement, Results, Comment. Requirement: The penetration of the filter of the particle filtering half mask shall meet the requirements of the following table. Results: Detail refer to Appendix 2. Comment: Meet FFP1, Meet FFP2.

Appendix 2: Summarization of Test Data

Penetration of filter material

Table: Penetration of filter material. Columns: Aerosol, Condition, Sample No., Penetration (%). Rows: Sodium chloride test, Paraffin oil test.



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed on the reverse side of this document. It is the property of the Company and shall remain its property. It is not to be distributed, copied, reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or by any information storage and retrieval system, without the prior written permission of the Company. The Company shall not be liable for any loss or damage, including consequential loss or damage, arising from the use of this document. The Company shall not be liable for any loss or damage, including consequential loss or damage, arising from the use of this document. The Company shall not be liable for any loss or damage, including consequential loss or damage, arising from the use of this document.

Member of the SGS Group (SGS SA)



Test Report SLS2025256705901TX Date: June 13, 2020 Page 5 of 10

Clause 7.10 Compatibility with Skin (EN 149:2001+A1:2009, Clause 8.4 & 8.5)

Table with 3 columns: Test Requirement, Results, Comment. Requirement: Materials that may come into contact with the wearer's skin shall not be known to be likely to cause irritation or any other adverse effect to health. Results: No irritation or any other adverse effect to health. Comment: Pass.

Clause 7.11 Flammability (EN 149:2001+A1:2009, Clause 8.6)

Table with 3 columns: Test Requirement, Results, Comment. Requirement: The material used shall not present a danger for the wearer and shall not be of highly flammable nature. Results: Detail refer to Appendix 3. Comment: Pass.

Appendix 3: Summarization of Test Data

Flammability

Table: Flammability. Columns: Condition, Sample No., Result. Rows: As received, Temperature conditioned.

Clause 7.12 Carbon Dioxide Content of The Inhalation Air (EN 149:2001+A1:2009, Clause 8.7)

Table with 3 columns: Test Requirement, Results, Comment. Requirement: The carbon dioxide content of the inhalation air (dead space) shall not exceed an average of 1.0 % (by volume). Results: Detail refer to Appendix 4. Comment: Pass.

Appendix 4: Summarization of Test Data

Carbon Dioxide Content of The Inhalation Air

Table: Carbon Dioxide Content of The Inhalation Air. Columns: Condition, Sample No., Result(%). Rows: As received.



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed on the reverse side of this document. It is the property of the Company and shall remain its property. It is not to be distributed, copied, reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or by any information storage and retrieval system, without the prior written permission of the Company. The Company shall not be liable for any loss or damage, including consequential loss or damage, arising from the use of this document. The Company shall not be liable for any loss or damage, including consequential loss or damage, arising from the use of this document. The Company shall not be liable for any loss or damage, including consequential loss or damage, arising from the use of this document.

Member of the SGS Group (SGS SA)



Test Report SL52025256705901TX Date: June 13, 2020 Page 6 of 10

Clause 7.13 Head Harness (EN 149:2001+A1:2009, Clause 8.4 & 8.5)

Table with 3 columns: Test Requirement, Results, Comment. Contains requirements for head harness design and adjustability.

Clause 7.14 Field of Vision (EN 149:2001+A1:2009, Clause 8.4)

Table with 3 columns: Test Requirement, Results, Comment. States field of vision is acceptable.

Clause 7.15 Exhalation Valve(s) (EN 149:2001+A1:2009, Clause 8.2 & 8.9.1 & 8.3.4 & 8.8)

Table with 3 columns: Test Requirement, Results, Comment. Details requirements for exhalation valve function and resistance.

SGS logo, company address in China, and member information for the SGS Group.



Test Report SL52025256705901TX Date: June 13, 2020 Page 7 of 10

Clause 7.16 Breathing Resistance (EN 149:2001+A1:2009, Clause 8.9)

Table with 3 columns: Test Requirement, Results, Comment. Includes a sub-table for maximum permitted resistance (mbar) for FFP1, FFP2, and FFP3.

Appendix 5: Summarization of Test Data

Breathing resistance (mbar)

Large data table showing breathing resistance (mbar) for various flow rates and orientations (A, B, C, D).

A: facing directly ahead; B: facing vertically upwards; C: facing vertically downwards; D: lying on the left side; E: lying on the right side

SGS logo, company address in China, and member information for the SGS Group.



Test Report SL52025256705901TX Date: June 13, 2020 Page 8 of 10

Clause 7.17 Clogging (EN 149:2001+A1:2009, Clause 8.9 & 8.10)

Table with 3 columns: Test Requirement, Results, Comment. Details clogging tests for breathing resistance and filter material penetration.

Clause 7.18 Demountable Parts (EN 149:2001+A1:2009, Clause 8.2)

Table with 3 columns: Test Requirement, Results, Comment. States demountable parts are readily connected and secured.

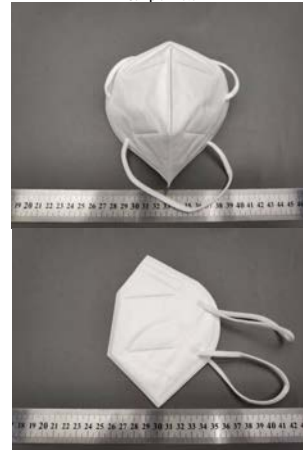
Table with 2 columns: Test, Uncertainty. Lists various tests and their corresponding uncertainty percentages.

SGS logo, company address in China, and member information for the SGS Group.



Test Report SL52025256705901TX Date: June 13, 2020 Page 9 of 10

Sample Photo



SGS logo, company address in China, and member information for the SGS Group.