

TECHNICAL DATA SHEET



PRODUCTION

Application: Disposable face mask EN 14683:2019 Type IIR with ear loops (VAMIIR-MB)

Model name: Disposable face mask EN 14683:2019 Type IIR with ear loops
Model #: VAMIIR-MB
Version: With ear loops
Material: 3 layers: PP 25g + Melt blown 25g + PP 25g



Package 50pcs/box, 2000pcs/carton
Carton dimensions: 52 cm x 42 cm x 38 cm
Carton weight: 9 kg

Certificate:

EN 14683:2019 Type IIR

Supplier:

Milrab AS

Company address 1: Stormåsan 30, 1540 Vestby

Company address 2: Karl Johans gate 1, 0154 Oslo

Company registration number: 997 595 262

Phone: +47 53 69 78 78

Fax: +47 53 69 78 79

E-mail: sales@milrab.no

Website address: www.milrab.no

Certificate:

NS-EN ISO 9001:2015

NS-EN ISO 14001:2015






中国认可
国际互认
检测
TESTING
CNAS L0599

Test Report SI 52025243895601TX Date: April 21, 2020 Page 1 of 3

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

Sample Description : (A)Face mask
Sample Color : (A)Inner Layer White,Outer Layer Blue
Other Information : Size: 175X95MM Structure: 1 and 3 Non Woven Fabric,2 medical use melt-blown
Proposed Care Instruction : -
Test Performed : Selected test(s) as requested by applicant
Sample Receiving Date : Apr 02,2020
Testing Period : Apr 02,2020 - Apr 21,2020
Test Result(s) : For further details, please refer to the following page(s).

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 overleaf, available on request or accessible at <http://www.sgs.com/sgs/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated, the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8387 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.
Testing Center

3rd Building No. 699, Yixian Road, Xuhui District Shanghai, China 200233
中国·上海·徐汇区宜山路699号3号楼 邮编: 200233

T (86-21) 61402966

F (86-21) 61402966

F (86-21) 64582793

F (86-21) 64582793

www.sgs.com

sgs.china@sgs.com

Member of the SGS Group (SGS SA)



Test Report

SL52025243895601TX

Date: April 21, 2020

Page 2 of 3

Test Result

Medical Face Masks-Requirements and Test Methods
(EN 14683:2019)**Clause 5.2.2 Bacterial filtration efficiency (BFE)™@**

	1#	2#	3#	4#	5#
(BFE), %	99.8	99.9	99.9	99.9	100

Remark: Performance Requirement: Type I>95%, Type II>98%, Type IIR >98%

**: The test was carried out by external laboratory assessed as competent

@: These test methods are not in CNAS accredited scope

Clause 5.2.3 Breathability

(EN 14683 :2019 Annex C, Flow rate 8 l/min)

Sample: A

	1#	2#	3#	4#	5#
Differential pressure ΔP (Pa/cm ²)	56.9	54.3	51.9	62.5	51.6

Remark: Performance Requirement: Type I<40 Pa/cm², Type II<40 Pa/cm², Type IIR<60 Pa/cm²**Clause 5.2.4 Splash Resistance**

(ISO 22609 :2004, Pressure 16.0 kPa)

Sample: A

Penetration on inside surface

1#	2#	3#	4#	5#	6#	7#	8#
Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
9#	10#	11#	12#	13#	14#	15#	16#
Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
17#	18#	19#	20#	21#	22#	23#	24#
Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
25#	26#	27#	28#	29#	30#	31#	32#
Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass

Number of Pass: 32

Overall result: Acceptable

Remark:

- 1) Performance Requirement Type I: N/A, Type II: N/A, Type IIR: ≥16.0kPa
- 2) Distance of the medical face mask target area surface to the tip of cannula is 300±10mm.
- 3) Condition and Test temperature (21±5)°C, relative humidity (85±10)%
- 4) An acceptable quality limit of 4.0% is met for a single sampling plan when 29 or more of the 32 tested specimens show pass results



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com.cn/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.cn/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not constitute parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing inspection report & certificate, please contact us at telephone: (86-755) 8387 1443, or email: CN.Doccheck@sgs.com

SGS-CS (Shanghai) Technical Service Co., Ltd. 200233 1 (86-21) 61402868 1 (86-21) 64662763 www.sgs.com.cn

中国·上海·徐汇区宜山路333号3号楼 邮编: 200233 1 (86-21) 61402868 1 (86-21) 64662763 e_sgs-china@sgs.com

Member of the SGS Group (SGS SA)



Test Report

SL52025243895601TX

Date: April 21, 2020

Page 3 of 3

Clause 5.2.5 Microbial Cleanliness
(EN 14683: 2019 Annex D)

	1#	2#	3#	4#	5#
CFU/g	22	23	22	21	23

Remark: Performance Requirement: Type I ≤ 30 CFU/g, Type II ≤ 30 CFU/g, Type III ≤ 30 CFU/g

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



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/leg/terms-and-conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/leg/terms-and-conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing inspection report & certificate, please contact us at telephone: (86-21) 64687143, or email: CN.Qeccheck@sgs.com
3rd Building No. 699, Yehou Road, Xuhui District Shanghai, China 200233 1 (86-21) 61402996 1 (86-21) 64687093 www.sgs.com.cn
中国·上海·徐汇区宜山路699号3号楼 邮编: 200233 1 (86-21) 61402996 1 (86-21) 64687093 sgs.china@sgs.com

Member of the SGS Group (SGS SA)