

Beoordelingsformulier voor de spattest

Datum	6-7-2020
Inkoopnummer (indien bekend)	
Lotnummer/X-nummer/Z-nummer	1603-1
Leverancier/Afzender	
Productnaam of naam fabrikant	
Type mondmasker (volgens de fabrikant)	

Conditionering (indien van toepassing):

Conditionering uitgevoerd	☒ Ja	☐ Nee
Aanvang conditionering (Datum & tijd)	3-7-2020	
Einde conditionering (Datum & tijd)	6-7-2020 11:55	

Spattest

Er worden bij voorkeur 32, maar minimaal 16, maskers getest. Maximaal 3 (32 maskers), en 2 (16 maskers) fails worden geaccepteerd voor een pass.

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

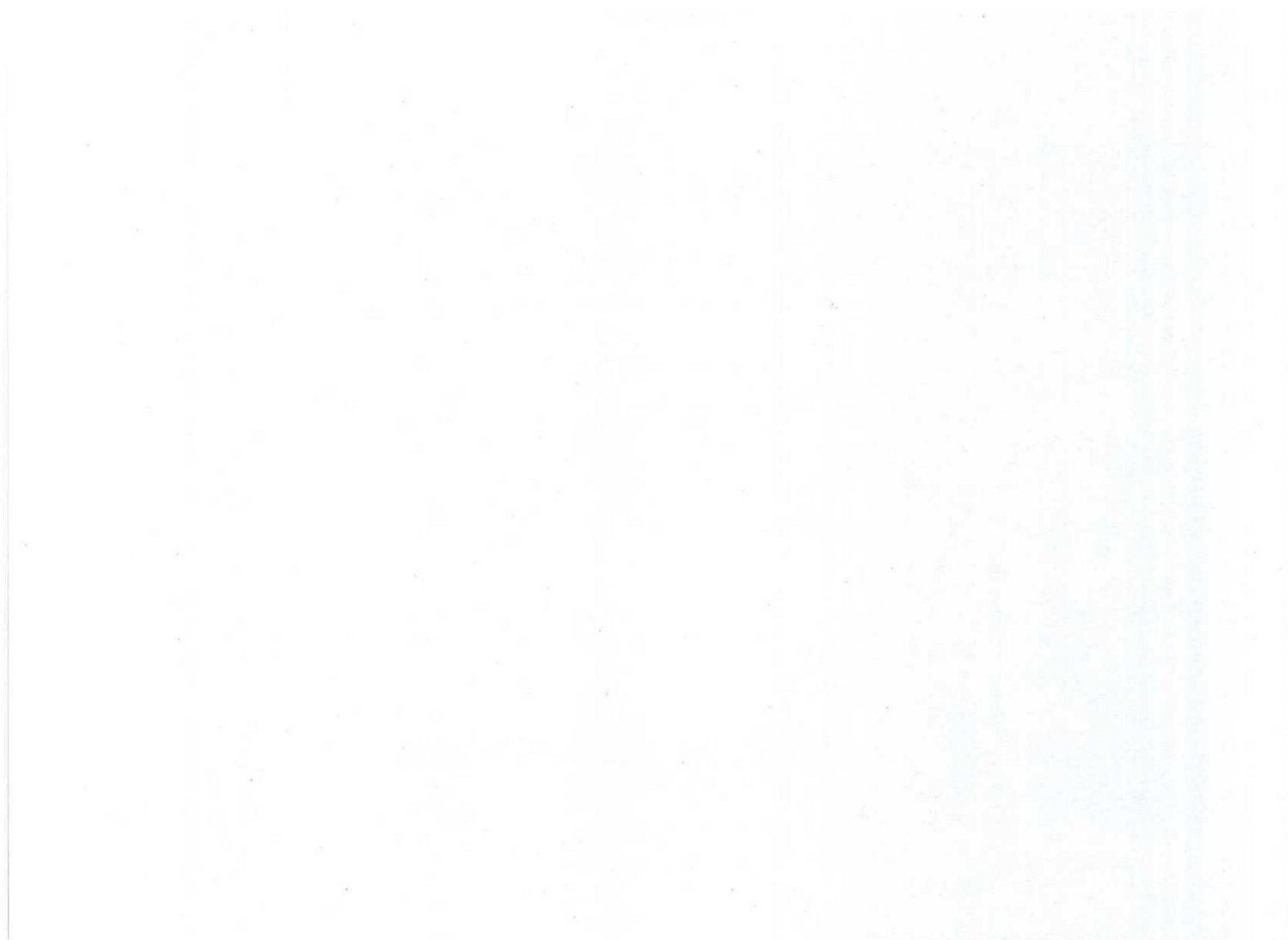
Aantal gemeten maskers: 32

Aantal fails: 0

Uitslag Spattest

☒ PASS

☐ FAIL



Beoordelingsformulier voor de spattest

Datum	6-7-2020
Inkoopnummer (indien bekend)	
Lotnummer/X-nummer/Z-nummer	1603-2
Leverancier/Afzender	
Productnaam of naam fabrikant	
Type mondmasker (volgens de fabrikant)	

Conditionering (indien van toepassing):

Conditionering uitgevoerd	☒ Ja	☐ Nee
Aanvang conditionering (Datum & tijd)	3-7-2020	
Einde conditionering (Datum & tijd)	6-7-2020 11:40	

Spattest

Er worden bij voorkeur 32, maar minimaal 16, maskers getest. Maximaal 3 (32 maskers), en 2 (16 maskers) fails worden geaccepteerd voor een pass.

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

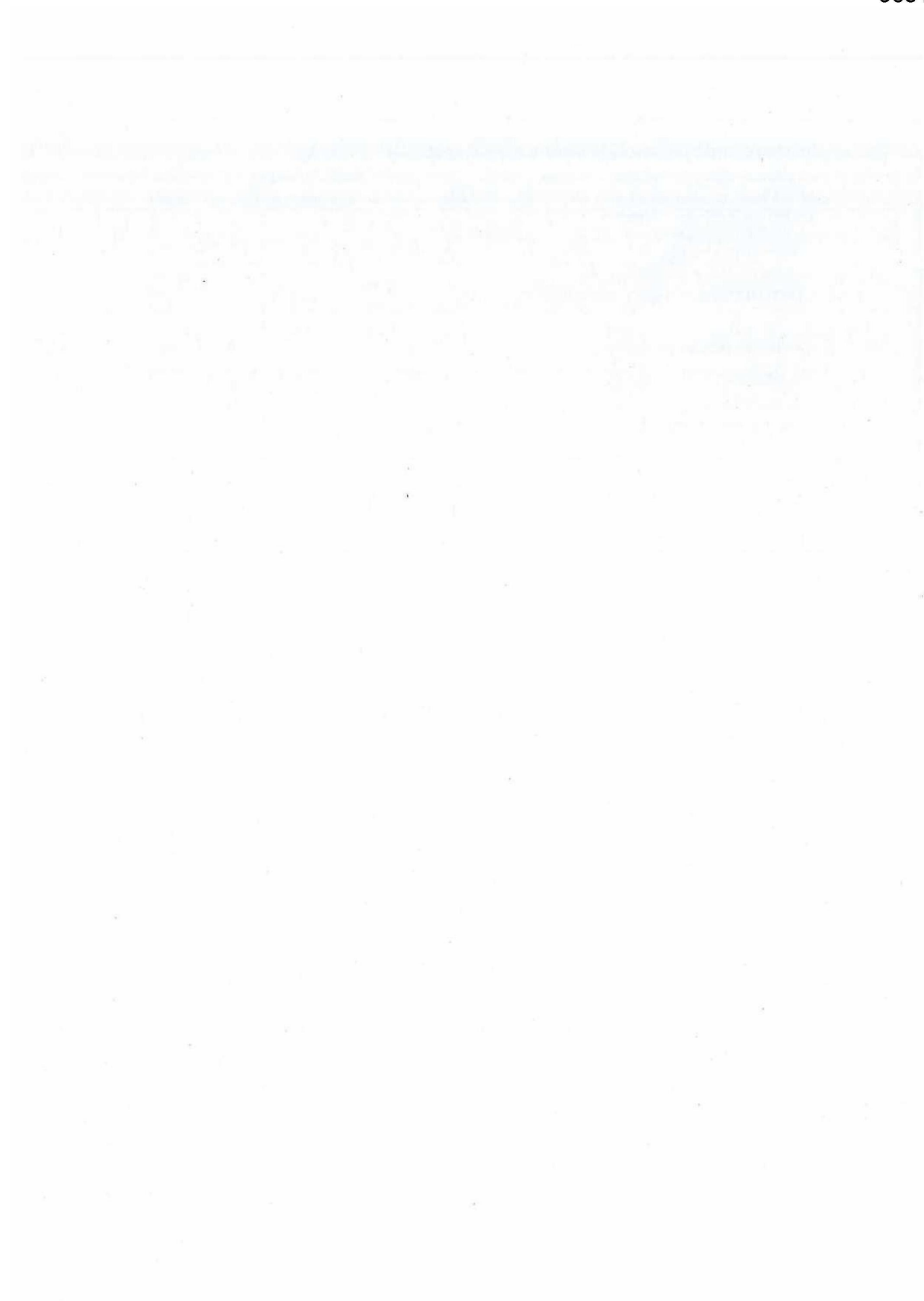
Aantal gemeten maskers: 32

Aantal fails: 2

Uitslag Spattest

☒ PASS

☐ FAIL



Beoordelingsformulier voor de spattest

Datum	6-7-2020
Inkoopnummer (indien bekend)	
Lotnummer/X-nummer/Z-nummer	1603-3
Leverancier/Afzender	
Productnaam of naam fabrikant	
Type mondmasker (volgens de fabrikant)	

Conditionering (indien van toepassing):

Conditionering uitgevoerd	☒ Ja	☐ Nee
Aanvang conditionering (Datum & tijd)	3-7-2020	
Einde conditionering (Datum & tijd)	6-7-2020 11:20	

Spattest

Er worden bij voorkeur 32, maar minimaal 16, maskers getest. Maximaal 3 (32 maskers), en 2 (16 maskers) fails worden geaccepteerd voor een pass.

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

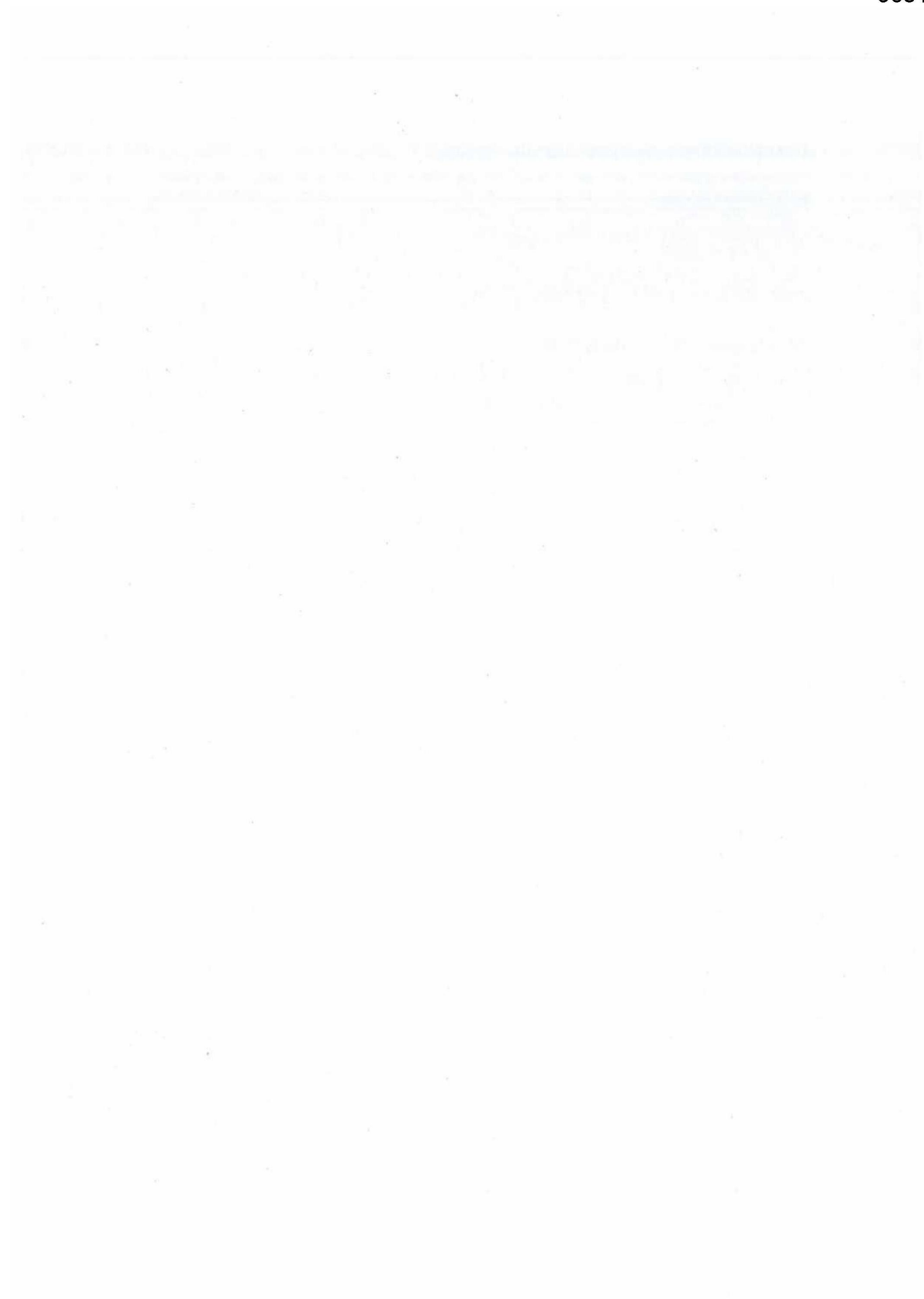
Aantal gemeten maskers: 32

Aantal fails: 2

Uitslag Spattest

☒ PASS

☐ FAIL



Beoordelingsformulier voor de spattest

Datum	6-7-2020
Inkoopnummer (indien bekend)	
Lotnummer/X-nummer/Z-nummer	1603-4
Leverancier/Afzender	
Productnaam of naam fabrikant	
Type mondmasker (volgens de fabrikant)	

Conditionering (indien van toepassing):

Conditionering uitgevoerd	☒ Ja	☐ Nee
Aanvang conditionering (Datum & tijd)	3-7-2020	
Einde conditionering (Datum & tijd)	6-7-2020 08:30	

Spattest

Er worden bij voorkeur 32, maar minimaal 16, maskers getest. Maximaal 3 (32 maskers), en 2 (16 maskers) fails worden geaccepteerd voor een pass.

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

Aantal gemeten maskers: 32

Aantal fails: 1

Uitslag Spattest

☒ PASS

☐ FAIL



Beoordelingsformulier voor de spattest

Datum	6-7-2020
Inkoopnummer (indien bekend)	
Lotnummer/X-nummer/Z-nummer	1603-5
Leverancier/Afzender	
Productnaam of naam fabrikant	
Type mondmasker (volgens de fabrikant)	

Conditionering (indien van toepassing):

Conditionering uitgevoerd	☒ Ja	☐ Nee
Aanvang conditionering (Datum & tijd)	3-7-2020	
Einde conditionering (Datum & tijd)	6-7-2020 09:10	

Spattest

Er worden bij voorkeur 32, maar minimaal 16, maskers getest. Maximaal 3 (32 maskers), en 2 (16 maskers) fails worden geaccepteerd voor een pass.

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

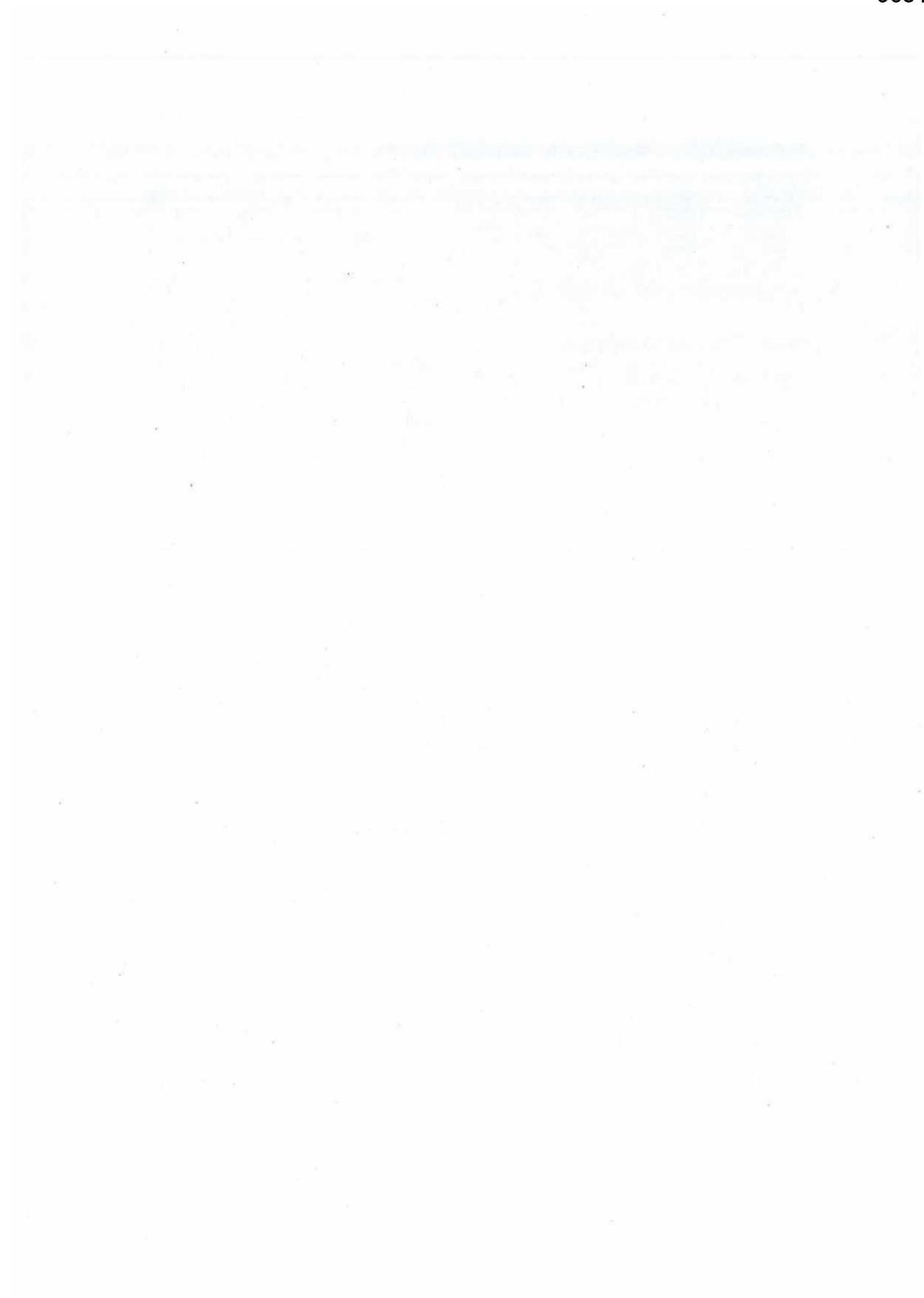
Aantal gemeten maskers: 32

Aantal fails: 3

Uitslag Spattest

☒ PASS

☐ FAIL



Beoordelingsformulier voor de spattest

Datum	6-7-2020
Inkoopnummer (indien bekend)	
Lotnummer/X-nummer/Z-nummer	1603-6
Leverancier/Afzender	
Productnaam of naam fabrikant	
Type mondmasker (volgens de fabrikant)	

Conditionering (indien van toepassing):

Conditionering uitgevoerd	☒ Ja	☐ Nee
Aanvang conditionering (Datum & tijd)	3-7-2020	
Einde conditionering (Datum & tijd)	6-7-2020 09:30	

Spattest

Er worden bij voorkeur 32, maar minimaal 16, maskers getest. Maximaal 3 (32 maskers), en 2 (16 maskers) fails worden geaccepteerd voor een pass.

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

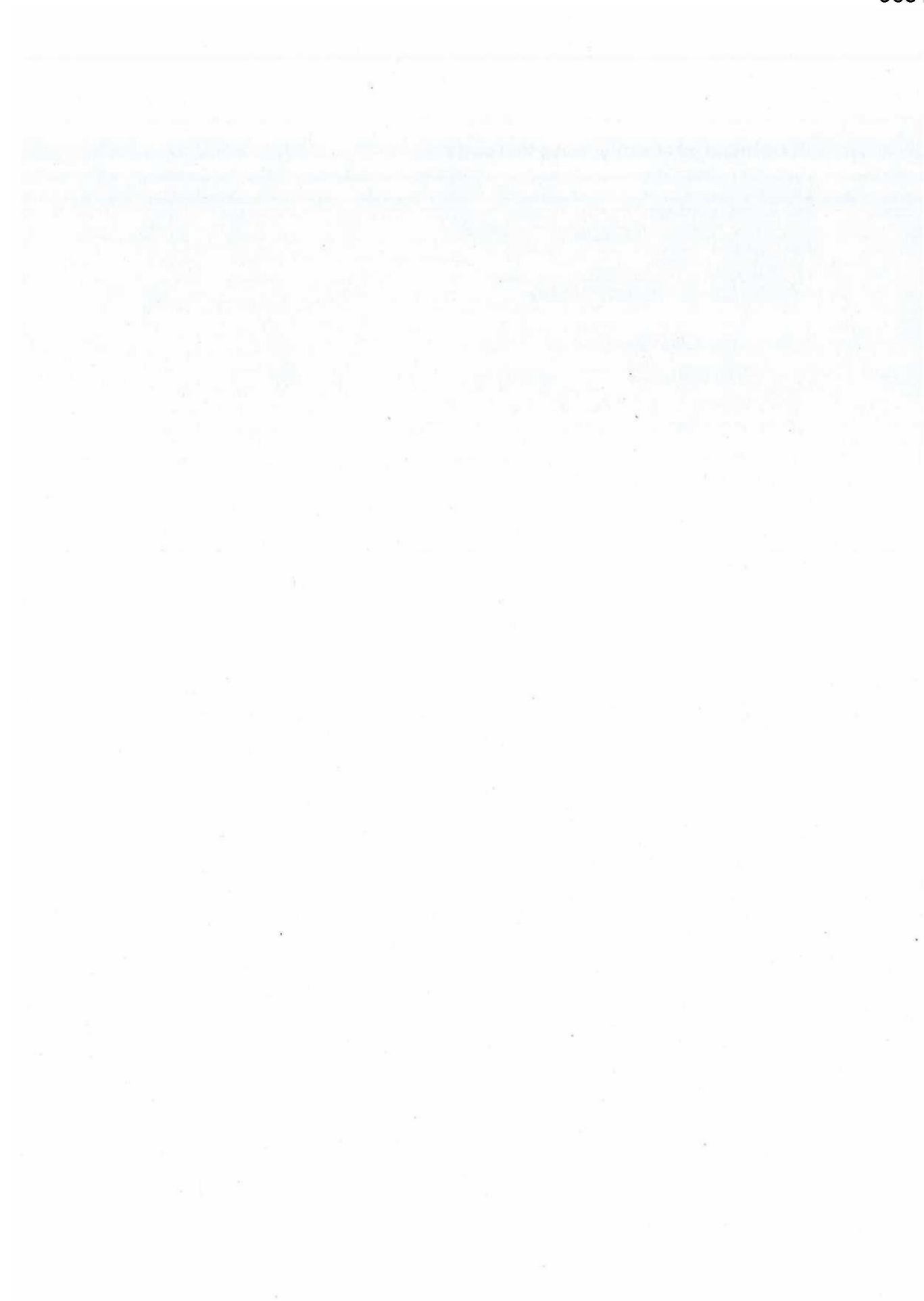
Aantal gemeten maskers: 32

Aantal fails: 1

Uitslag Spattest

☒ PASS

☐ FAIL





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Certificate of analysis

Order-no : 843410

RIVM - (Corona Advies)

A. van Leeuwenhoeklaan 9
3721 MA BILTHOVEN

Description	:	1603-1	Sample date	:	
Client project no	:	5.1.2e	Start date microbiology	:	07-07-2020
Sample received	:	06-07-2020	Sample delivery	:	Mail/Courier
Report date	:	10-07-2020	Sample temperature	:	
Sampling	:		Sample condition	:	Sample and packing intact
Packing	:	Original			
Sealed	:	No			

Test	Result		
Bacterial Filtration Efficiency (BFE)			
I 35000	Testing BFE (n=5) (equiv. NEN EN 14683+C1)		
I 35050	Test conditions		
I 35051	Dimensions of test specimens (width x height)	Whole mask	
I 35052	Size of the area tested (width x height)	48.0	cm²
I 35053	Side facing the aerosol	Face side	
I 35054	Flow rate during testing	28.3	L/min
I 35060	Mean of the total plate counts of the two positive controls	a	2,170
I 35070	Mean plate count of the negative controls	a	0
I 35100	Bacterial Filtration Efficiency (BFE, equiv. NEN EN 14683+C1)		
I 35101	BFE specimen 1	a	99
I 35102	BFE specimen 2	a	100
I 35103	BFE specimen 3	a	99
I 35104	BFE specimen 4	a	99
I 35105	BFE specimen 5	a	100
I 35199	Average BFE	a	99

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Explanation of symbols

Q RvA accredited test (ISO / IEC 17025)
I Test performed by Nutrilab BV
E Test performed by sub-contractor



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Certificate of analysis

Order-no : 843410

a) This result is possibly not representative for the microbiological composition of the sample at the moment of sampling. (The elapsed time between sampling and analysis is longer than allowed or not known.)

*) Performance requirements for medical face masks (acc. European Standard no. EN 14683:2019+AC):

Bacterial filtration efficiency (BFE) (%): Type I a ≥ 95 , Type II ≥ 98 , Type IIR ≥ 98

Differential pressure (Pa/cm²): Type I a < 40 , Type II < 40 , Type IIR < 60

Splash resistance pressure (kPa): Type I a Not required, Type II Not required, Type IIR ≥ 16.0

Microbial cleanliness (cfu/g): Type I a ≤ 30 , Type II ≤ 30 , Type IIR ≤ 30

a) Type I medical face masks should only be used for patients and other persons to reduce the risk of spread of infections particularly in epidemic or pandemic situations.

Type I masks are not intended for use by healthcare professionals in an operating room or in other medical settings with similar requirements.

This certificate of analysis is a test report. The tested samples are part of the mentioned batch/lot number. Batch validation is not the scope of this report.

Start date analysis: 07-07-2020, end date: 09-07-2020.

Findings are based on the sample as submitted. For more detailed information on applied methods please contact the operational manager.

Any interpretation of analytical results mentioned on this certificate lies outside the scope of accreditation.

With the unit % is meant: w/w%, unless otherwise stated.

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Explanation of symbols

Q RVA accredited test (ISO / IEC 17025)
I Test performed by Nutrilab BV
E Test performed by sub contract



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Certificate of analysis

Order-no : 843412

RIVM - (Corona Advies)

A. van Leeuwenhoeklaan 9
3721 MA BILTHOVEN

Description	:	1603.2	Sample date	:	
Client project no	:	5.1.2e	Start date microbiology	:	07-07-2020
Sample received	:	06-07-2020	Sample delivery	:	Mail/Courier
Report date	:	10-07-2020	Sample temperature	:	
Sampling	:		Sample condition	:	Sample and packing intact
Packing	:	Original			
Sealed	:	No			

Test	Result
Bacterial Filtration Efficiency (BFE)	
I 35000 Testing BFE (n=5) (equiv. NEN-EN 14683+C1)	
I 35050 Test conditions	
I 35051 Dimensions of test specimens (width x height)	Whole mask
I 35052 Size of the area tested (width x height)	48.0 cm ²
I 35053 Side facing the aerosol	Face side
I 35054 Flow rate during testing	28.3 L/min
I 35060 Mean of the total plate counts of the two positive controls	a 2,170 cfu
I 35070 Mean plate count of the negative controls	a 0 cfu
I 35100 Bacterial Filtration Efficiency (BFE, equiv. NEN-EN 14683+C1)	
I 35101 BFE specimen 1	a 100 %
I 35102 BFE specimen 2	a 100 %
I 35103 BFE specimen 3	a 100 %
I 35104 BFE specimen 4	a 100 %
I 35105 BFE specimen 5	a 100 %
I 35199 Average BFE	a 100 %

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Explanation of symbols.

Q RVA accredited test (ISO / IEC 17025)
I Test performed by Nutrilab BV
E Test performed by sub-contractor



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Certificate of analysis

Order-no: 843412

a) This result is possibly not representative for the microbiological composition of the sample at the moment of sampling. (The elapsed time between sampling and analysis is longer than allowed or not known.)

*) Performance requirements for medical face masks (acc. European Standard no. EN 14683:2019+AC):

Bacterial filtration efficiency (BFE) (%): Type I a ≥ 95 , Type II ≥ 98 , Type IIR ≥ 98

Differential pressure (Pa/cm²): Type I a < 40 , Type II < 40 , Type IIR < 60

Splash resistance pressure (kPa): Type I a Not required, Type II Not required, Type IIR ≥ 16.0

Microbial cleanliness (cfu/g): Type I a ≤ 30 , Type II ≤ 30 , Type IIR ≤ 30

a) Type I medical face masks should only be used for patients and other persons to reduce the risk of spread of infections particularly in epidemic or pandemic situations.

Type I masks are not intended for use by healthcare professionals in an operating room or in other medical settings with similar requirements.

This certificate of analysis is a test report. The tested samples are part of the mentioned batch/lot number. Batch validation is not the scope of this report.

Start date analysis: 07-07-2020, end date: 09-07-2020.

Findings are based on the sample as submitted. For more detailed information on applied methods please contact the operational manager.

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Explanation of symbols:

Q: RVA accredited test (ISO / IEC 17025)
I: Test performed by Nutrilab BV
E: Test performed by sub contractor



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Certificate of analysis

Order-no : 843413

RIVM - (Corona Advies)

A. van Leeuwenhoeklaan 9
3721 MA BILTHOVEN

Description	:	1603.3	Sample date	:	
Client project no	:	5.1.2e	Start date microbiology	:	07-07-2020
Sample received	:	06-07-2020	Sample delivery	:	Mail/Courier
Report date	:	10-07-2020	Sample temperature	:	
Sampling	:		Sample condition	:	Sample and packing intact
Packing	:	Original			
Sealed	:	No			

Test	Result
Bacterial Filtration Efficiency (BFE)	
I 35000 Testing BFE (n=5) (equiv. NEN EN 14683+C1)	
I 35050 Test conditions	
I 35051 Dimensions of test specimens (width x height)	Whole mask
I 35052 Size of the area tested (width x height)	48.0 cm ²
I 35053 Side facing the aerosol	Face side
I 35054 Flow rate during testing	28.3 L/min
I 35060 Mean of the total plate counts of the two positive controls	a 2,170 cfu
I 35070 Mean plate count of the negative controls	a 0 cfu
I 35100 Bacterial Filtration Efficiency (BFE, equiv. NEN EN 14683+C1)	
I 35101 BFE specimen 1	a 99 %
I 35102 BFE specimen 2	a 100 %
I 35103 BFE specimen 3	a 100 %
I 35104 BFE specimen 4	a 100 %
I 35105 BFE specimen 5	a 99 %
I 35199 Average BFE	a 99 %

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Explanation of symbols:

Q RvA accredited test (ISO / IEC 17025)
I Test performed by Nutrilab BV
E Test performed by sub contractor



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Certificate of analysis

Order-no : 843413

a) This result is possibly not representative for the microbiological composition of the sample at the moment of sampling. (The elapsed time between sampling and analysis is longer than allowed or not known.)

*) Performance requirements for medical face masks (acc. European Standard no. EN 14683:2019+AC):

Bacterial filtration efficiency (BFE) (%): Type I a ≥ 95 , Type II ≥ 98 , Type IIR ≥ 98

Differential pressure (Pa/cm²): Type I a < 40 , Type II < 40 , Type IIR < 60

Splash resistance pressure (kPa): Type I a Not required, Type II Not required, Type IIR ≥ 16.0

Microbial cleanliness (cfu/g): Type I a ≤ 30 , Type II ≤ 30 , Type IIR ≤ 30

a) Type I medical face masks should only be used for patients and other persons to reduce the risk of spread of infections particularly in epidemic or pandemic situations.

Type I masks are not intended for use by healthcare professionals in an operating room or in other medical settings with similar requirements.

This certificate of analysis is a test report. The tested samples are part of the mentioned batch/lot number. Batch validation is not the scope of this report.

Start date analysis: 07.07.2020, end date: 09.07.2020.

Findings are based on the sample as submitted. For more detailed information on applied methods please contact the operational manager.

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Explanation of symbols:

Q RVA accredited test (ISO / IEC 17025)
I Test performed by Nutrilab BV
E Test performed by sub contractor



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Certificate of analysis

Order no : 843414

RIVM - (Corona Advies)

A. van Leeuwenhoeklaan 9
3721 MA BILTHOVEN

Description	:	1603 4	Sample date	:	
Client project no	:	5.1.2e	Start date microbiology	:	07-07-2020
Sample received	:	06-07-2020	Sample delivery	:	Mail/Courier
Report date	:	10-07-2020	Sample temperature	:	
Sampling	:		Sample condition	:	Sample and packing intact
Packing	:	Original			
Sealed	:	No			

Test	Result
Bacterial Filtration Efficiency (BFE)	
I 35000 Testing BFE (n=5) (equiv. NEN EN 14683+C1)	
I 35050 Test conditions	
I 35051 Dimensions of test specimens (width x height)	Whole mask
I 35052 Size of the area tested (width x height)	48.0 cm ²
I 35053 Side facing the aerosol	Face side
I 35054 Flow rate during testing	28.3 L/min
I 35060 Mean of the total plate counts of the two positive controls	a 2,170 cfu
I 35070 Mean plate count of the negative controls	a 0 cfu
I 35100 Bacterial Filtration Efficiency (BFE, equiv. NEN EN 14683+C1)	
I 35101 BFE specimen 1	a 99 %
I 35102 BFE specimen 2	a 100 %
I 35103 BFE specimen 3	a 100 %
I 35104 BFE specimen 4	a 99 %
I 35105 BFE specimen 5	a 100 %
I 35199 Average BFE	a 99 %

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Explanation of symbols

Q RvA accredited test (ISO / IEC 17025)
I Test performed by Nutrilab BV
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Certificate of analysis

Order-no : 843414

a) This result is possibly not representative for the microbiological composition of the sample at the moment of sampling (The elapsed time between sampling and analysis is longer than allowed or not known.)

*) Performance requirements for medical face masks (acc. European Standard no. EN 14683:2019+AC):

Bacterial filtration efficiency (BFE) (%): Type I a ≥ 95 , Type II ≥ 98 , Type IIR ≥ 98

Differential pressure (Pa/cm²): Type I a < 40 , Type II < 40 , Type IIR < 60

Splash resistance pressure (kPa): Type I a Not required, Type II Not required, Type IIR ≥ 16.0

Microbial cleanliness (cfu/g): Type I a ≤ 30 , Type II ≤ 30 , Type IIR ≤ 30

a) Type I medical face masks should only be used for patients and other persons to reduce the risk of spread of infections particularly in epidemic or pandemic situations.

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Findings are based on the sample as submitted. For more detailed information on applied methods please contact the operational manager.

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Explanation of symbols:

Q RVA accredited test (ISO / IEC 17025)
I Test performed by Nutrilab BV
E Test performed by sub-contractor



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Certificate of analysis

Order no: 843415

RIVM - (Corona Advies)

A. van Leeuwenhoeklaan 9
3721 MA BILTHOVEN

Description	:	1603.5	Sample date	:	
Client project no	:	5.1.2e	Start date microbiology	:	07-07-2020
Sample received	:	06-07-2020	Sample delivery	:	Mail/Courier
Report date	:	10-07-2020	Sample temperature	:	
Sampling	:		Sample condition	:	Sample and packing intact
Packing	:	Original			
Sealed	:	No			

Test	Result
Bacterial Filtration Efficiency (BFE)	
I 35000 Testing BFE (n=5) (equiv. NEN EN 14683+C1)	
I 35050 Test conditions	
I 35051 Dimensions of test specimens (width x height)	Whole mask
I 35052 Size of the area tested (width x height)	48.0 cm ²
I 35053 Side facing the aerosol	Face side
I 35054 Flow rate during testing	28.3 L/min
I 35060 Mean of the total plate counts of the two positive controls	a 2,170 cfu
I 35070 Mean plate count of the negative controls	a 0 cfu
I 35100 Bacterial Filtration Efficiency (BFE, equiv. NEN EN 14683+C1)	
I 35101 BFE specimen 1	a 100 %
I 35102 BFE specimen 2	a 100 %
I 35103 BFE specimen 3	a 100 %
I 35104 BFE specimen 4	a 99 %
I 35105 BFE specimen 5	a 100 %
I 35199 Average BFE	a 100 %

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Explanation of symbols:

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Certificate of analysis

Order-no : 843415

a) This result is possibly not representative for the microbiological composition of the sample at the moment of sampling. (The elapsed time between sampling and analysis is longer than allowed or not known.)

*) Performance requirements for medical face masks (acc. European Standard no. EN 14683:2019+AC):

Bacterial filtration efficiency (BFE) (%): Type I a ≥ 95 , Type II ≥ 98 , Type IIR ≥ 98

Differential pressure (Pa/cm²): Type I a < 40 , Type II < 40 , Type IIR < 60

Splash resistance pressure (kPa): Type I a Not required, Type II Not required, Type IIR ≥ 16.0

Microbial cleanliness (cfu/g): Type I a ≤ 30 , Type II ≤ 30 , Type IIR ≤ 30

a) Type I medical face masks should only be used for patients and other persons to reduce the risk of spread of infections particularly in epidemic or pandemic situations.

Type I masks are not intended for use by healthcare professionals in an operating room or in other medical settings with similar requirements.

This certificate of analysis is a test report. The tested samples are part of the mentioned batch/lot number. Batch validation is not the scope of this report.

Start date analysis: 07-07-2020, end date: 09-07-2020.

Findings are based on the sample as submitted. For more detailed information on applied methods please contact the operational manager.

Any interpretation of analytical results mentioned on this certificate lies outside the scope of accreditation.

With the unit % is meant: w/w%, unless otherwise stated.

Nutrilab is not responsible for the information provided by the client.

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Explanation of symbols:

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Certificate of analysis

Order-no : 843416

RIVM - (Corona Advies)

A. van Leeuwenhoeklaan 9
3721 MA BILTHOVEN

Description	:	1603 6	Sample date	:	
Client project no	:	5.1.2e	Start date microbiology	:	07-07-2020
Sample received	:	06-07-2020	Sample delivery	:	Mail/Courier
Report date	:	10-07-2020	Sample temperature	:	
Sampling	:		Sample condition	:	Sample and packing intact
Packing	:	Original			
Sealed	:	No			

Test	Result		
Bacterial Filtration Efficiency (BFE)			
I 35000	Testing BFE (n=5) (equiv. NEN-EN 14683+C1)		
I 35050	Test conditions		
I 35051	Dimensions of test specimens (width x height)	Whole mask	
I 35052	Size of the area tested (width x height)	48.0	cm ²
I 35053	Side facing the aerosol	Face side	
I 35054	Flow rate during testing	28.3	L/min
I 35060	Mean of the total plate counts of the two positive controls	a	2.170
I 35070	Mean plate count of the negative controls	a	0
I 35100	Bacterial Filtration Efficiency (BFE, equiv. NEN-EN 14683+C1)		
I 35101	BFE specimen 1	a	100
I 35102	BFE specimen 2	a	100
I 35103	BFE specimen 3	a	99
I 35104	BFE specimen 4	a	100
I 35105	BFE specimen 5	a	100
I 35199	Average BFE	a	99

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Explanation of symbols:

Q RvA accredited test (ISO / IEC 17025)
I Test performed by Nutrilab BV
E Test performed by sub-contractor



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Certificate of analysis

Order-no: 843416

a) This result is possibly not representative for the microbiological composition of the sample at the moment of sampling. (The elapsed time between sampling and analysis is longer than allowed or not known.)

*) Performance requirements for medical face masks (acc. European Standard no. EN 14683:2019+AC):

Bacterial filtration efficiency (BFE) (%): Type I a ≥ 95 , Type II ≥ 98 , Type IIR ≥ 98

Differential pressure (Pa/cm²): Type I a < 40 , Type II < 40 , Type IIR < 60

Splash resistance pressure (kPa): Type I a Not required, Type II Not required, Type IIR ≥ 16.0

Microbial cleanliness (cfu/g): Type I a ≤ 30 , Type II ≤ 30 , Type IIR ≤ 30

a) Type I medical face masks should only be used for patients and other persons to reduce the risk of spread of infections particularly in epidemic or pandemic situations.

Type I masks are not intended for use by healthcare professionals in an operating room or in other medical settings with similar requirements.

This certificate of analysis is a test report. The tested samples are part of the mentioned batch/lot number. Batch validation is not the scope of this report.

Start date analysis: 07-07-2020, end date: 09-07-2020

Findings are based on the sample as submitted. For more detailed information on applied methods please contact the operational manager.

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Explanation of symbols

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