

1. EN 13727 Bakterie - 30 sek. czyste i brudne



MEDI-SPRAY
EN 13727:2013



Akrediteeritud L236

EVS-EN 13727:2012+A1:2013
OÜ BALTACHEMI
LABORATORY
Tel.: +372 6214 694
e-mail: info@baltiacemi.ee

Quantitative suspension test for the evaluation of bactericidal activity in the medical area (phase 2, step 1)

TEST REPORT no 244

1. General information and material

1.1 Client:	Medi-Sept Sp. z o.o., Konopnica 159 c, 21-030 Motycz, Poland
Date of order:	06.11.2015
1.2 Identification of sample	
Name of the product:	MEDI-SPRAY
Batch number:	151030_50
Manufacturer:	Medi-Sept Sp. z o.o.
Date of delivery:	09.11.2015
Storage conditions:	room temperature and darkness
Appearance of the product:	liquid, clear, without color
Recommended diluent:	product is ready for use
Active substance:	55-65 % Ethanol and 5-10 % Propan-2-ol

Microbiologist
Ljudmila Shljapnikova
Biol.Ph.D.
Head of the Laboratory



1



MEDI-SPRAY
EN 13727:2013

1.3 Test conditions

Test period:	11.11.2015 – 13.11.2015
Date of test:	11.11.2015
Product test concentrations:	97 %
Exposure time:	15 s., 30 s., 60 s.
Test temperature:	19,5 ± 0,5°C
Organic load:	dirty conditions (bovine albumine 3,0 g/l and sheep erythrocytes 3 ml/l) clean conditions (bovine albumine 0,3 g/l)
Neutralizer:	Polysorbate 80, 30 g/l; Saponin 30 g/l, Lecithin, 3 g/l
Test organisms:	Staphylococcus aureus ATCC 6538, Pseudomonas aeruginosa ATCC 15442, Enterococcus hirae ATCC 10541

2. Methods

2.1. Test method and its validation: dilution neutralisation

3. Results

see annex

4. Conclusion

In accordance with EN 13727:2013, product MEDI-SPRAY with concentration 97 % possesses bactericidal activity in suspension test in 30 s. and 60 s. at 20 °C under dirty and clean conditions for referenced strains Staphylococcus aureus ATCC 6538, Pseudomonas aeruginosa ATCC 15442 and Enterococcus hirae ATCC 10541, and in 15 s. under clean conditions for referenced strains Staphylococcus aureus ATCC 6538 and Enterococcus hirae ATCC 10541. The product MEDI-SPRAY demonstrates at least a 5 lg reduction.

Total 11 pages
Annex on 9 pages

Maardu, 13.11.2015

Microbiologist
Ljudmila Shljapnikova
Biol.Ph.D.
Head of the Laboratory



2



Akrediteeritud L236

EVS-EN 14348:2005
OÜ BALTACHEMI
LABORATORY
Tel.. +372 6214 694
e-mail: info@baltiacemi.ee

Quantitative suspension test for the evaluation of tuberculocidal activity in the medical area (phase 2, step 1)

TEST REPORT no 253

1. General information and material

1.1 Client:	Medi-Sept Sp. z o.o., Konopnica 159 c, 21-030 Motycz, Poland
Date of order:	23.11.2015
1.2 Identification of sample	
Name of the product:	MEDI SPRAY
Batch number:	151030_50
Manufacturer:	Medi-Sept Sp. z o.o.
Date of delivery:	09.11.2015
Storage conditions:	room temperature and darkness
Apperance of the product:	liquid, clear, without color
Recommended diluent:	product is ready for use
Active substance:	55-65 % Ethanol and 5-10 % Propan-2-ol

1.3 Test conditions

Microbiologist
Ljudmila Shljapnikova
Biol.Ph.D.
Head of the Laboratory



1

Test period:	25.11.2015 –16.12.2015
Date of test:	25.11.2015
Product test concentrations:	98 %
Exposure time:	30 s., 60 s.
Test temperature:	19,5 ± 0,5°C
Organic load:	clean conditions (bovine albumine 0,3 g/l) dirty conditions (bovine albumine 3,0 g/l and sheep erythrocytes 3 ml/l)
Neutralizer:	Polysorbate 80, 30 g/l; Saponin 30 g/l, Lecithin, 3 g/l
Test organism:	Mycobacterium terrae ATCC 15755

2. Methods

2.1. Test method and its validation: dilution neutralisation

3. Results

see annex

4. Conclusion

In accordance with EN 14348:2005, product MEDI SPRAY (batch number 151030_50) with concentration 98 % possesses tuberculocidal activity in suspension test in 30 s. and 60 s. at 20 °C under clean and dirty conditions for referenced strain Mycobacterium terrae ATCC 15755. The product MEDI SPRAY demonstrates at least a 4 lg reduction.

Total 6 pages
Annex on 4 pages

Maardu, 16.12.2015

Microbiologist
Ljudmila Shljapnikova
Biol.Ph.D.
Head of the Laboratory



2

3. EN 14476 Wirusy osłonkowe (Vaccinia) 30 sek./ czyste ; 60 sek./ brudne
4. EN 14476 Wirus Rota 30 sek./ czyste ; 60 sek./ brudne



Chemila, spol. s r.o., Za Dráhou 4386/3, Hodonín 69501, Phone +420518340919, chemila@chemila.cz
Chemical and Microbiological Laboratory, Testing Laboratory No. 1273 certified by Czech Accreditation Institute according to ČSN EN ISO/IEC 17025.

Copy No.: 1
Issue No.: 1

Test report No. D202/2015

DETERMINATION OF VIRUCIDAL (EN 14476+A1) ACTIVITY OF THE PRODUCT **MEDI SPRAY** ON VACCINIA VIRUS AND HUMAN ROTAVIRUS

Sample ID: D202/2015
Sample name: **Medi Spray**
Client: Medi-Sept Sp. z o.o., Konopnica 159c, 210 30 Motycz, Poland
Producer: Medi-Sept Sp. z o.o., Konopnica 159c, 210 30 Motycz, Poland
Sampling point: Medi-Sept Sp. z o.o., Konopnica 159c, 210 30 Motycz, Poland

Page: 1
From pages: 6

Incoming date:
26.11.2015

Delivery date:
8.1.2016

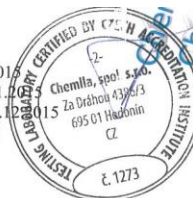
Hodonín, 8.1.2016



Description: *Testing the efficacy of chemical disinfectants and antiseptics*

Sample ID: D202/2015
Rep No: 202
Sample name: **Medi Spray**
Sampled: by client
Sampling point: Medi-Sept Sp. z o.o., Konopnica 159c, Motycz
Client: Medi-Sept Sp. z o.o., Konopnica 159c, 210 30 Motycz

Sampling date: 24.11.2015
Sample delivered: 26.11.2015
Testing date: 8.12. – 17.12.2015
Delivered amount: 0.5 l
Batch No: 151030-50
Page: 6



Interpretation:

Results of tests are in Tabs.

The tested concentrated* product **Medi Spray**, batch No: 151030-50, in the contact time 0.5 min under clean conditions and in the contact time 1 min under dirty conditions at temperature $20\text{ }^{\circ}\text{C} \pm 1\text{ }^{\circ}\text{C}$ **proved** by the method of virus titration on monolayers of cells on microtitre plates to reduce the number of infectious *Human rotavirus* strain WA ATCC-VR-2018 particles under defined conditions by 4 (lg) orders (EN 14476:2013 +A1:2015).

The tested concentrated* product **Medi Spray**, batch No: 151030-50, in the contact time 0.5 min under clean conditions and in the contact time 1 min under dirty conditions at temperature $20\text{ }^{\circ}\text{C} \pm 1\text{ }^{\circ}\text{C}$ **proved** by the method of virus titration on monolayers of cells on microtitre plates to reduce the number of infectious *Vacciniavirus* strain Ankara (MVA) ATCC VR-1508 ** particles under defined conditions by 4 (lg) orders (EN 14476:2013 +A1:2015).

* The product can only be tested at a concentration of 80% or less as some dilution is always produced by adding the test organisms and the interfering substance.

** The test was performed by using MicroSpin™ S 400 HR because the virus suspension was $10^{6.5}$ TCID₅₀/ml
The test for virucidal activity against enveloped virus *Vaccinia virus* strain Ankara will cover all enveloped viruses only (Annex A, standard EN 14476:2013+A1:2015)

Conclusion:

The product **Medi Spray** is capable of reducing the number of infectious *Human rotavirus* and *Vacciniavirus* strain Ankara (MVA) ATCC VR-1508 particles under defined conditions to the declared values and, consequently, may be called virucidal on *Human rotavirus* and *Vacciniavirus*.

8.1.2016, Hodonín



5. EN 14476 Wirus Noro 30 sek./ czyste i brudne



Chemila, spol. s r.o., Za Dráhou 4386/3, Hodonín 69501, Phone +420518340919, chemila@chemila.cz
Chemical and Microbiological Laboratory, Testing Laboratory No. 1273 certified by Czech Accreditation Institute
according to ČSN EN ISO/IEC 17025.



Copy No.: 1
Issue No.: 1

Test report No. D103/2016

DETERMINATION OF VIRUCIDAL (EN 14476+A1) ACTIVITY OF THE
PRODUCT **MEDI SPRAY** ON MURINE NOROVIRUS

Sample ID: D103/2016
Sample name: **Medi Spray**
Client: Medi-Sept Sp. z o.o., Konopnica 159c, 210 30 Motycz, Poland
Producer: Medi-Sept Sp. z o.o., Konopnica 159c, 210 30 Motycz, Poland
Sampling point: Medi-Sept Sp. z o.o., Konopnica 159c, 210 30 Motycz, Poland

Page: 1
From pages: 4

Incoming date:
12.5.2016

Delivery date:
7.6.2016

Description: *Testing the efficacy of chemical disinfectants and antiseptics*

Sample ID: D103/2016
Rep No: 79
Sample name: **Medi Spray**
Sampled: by client
Sampling point: Medi-Sept Sp. z o.o., Konopnica 159c, 210 30 Motycz, Poland
Client: Medi-Sept Sp. z o.o., Konopnica 159c, 210 30 Motycz, Poland

Sampling date: 10.5.2016
Sample delivered: 12.5.2016
Testing date: 13.5. – 20.5.2016
Delivered amount: 1 l
Batch No: 16021110
Page: 4



Interpretation:

Results of tests are in Tabs.

According to EN 14476+A1 tested concentrated* product **Medi Spray**, batch No. 16021110, in contact times 30 and 60 s under clean and dirty conditions at temperature $20\text{ }^{\circ}\text{C} \pm 1\text{ }^{\circ}\text{C}$ **proved** by the method of virus titration on monolayers of cells on microtitre plates to reduce the number of infectious *Murine norovirus* strain S99, RVB-651, particles under defined conditions by at least 4 (lg) orders.

* Product can only be tested at a concentration of 80% or less, as some dilution is always produced by adding the test organisms and interfering substance.

Conclusion:

The product **Medi Spray** is capable of reducing the number of infectious *Murine norovirus* particles under defined conditions to the declared values, and consequently, may be called virucidal on *Murine norovirus*.

7.6.2016, Hodonín

Handwritten signature

6. EN 14476 Wirus BVDV 30 sek./ czyste i brudne

Copy No.: 1
Issue No.: 1

Test report No. S37/2018

DETERMINATION OF VIRUCIDAL ACTIVITY (EN 14476+A1)
OF THE PRODUCT **MEDI SPRAY**

Sample ID: S37/2018
Sample name: **Medi Spray**
Client: Medi-Sept Sp. z o.o., Konopnica 159c, 210 30 Motycz, Poland
Producer: Medi-Sept Sp. z o.o., Konopnica 159c, 210 30 Motycz, Poland
Sampling point: Medi-Sept Sp. z o.o., Konopnica 159c, 210 30 Motycz, Poland

Page: 1
From pages: 4

Incoming date:
27.2.2018

Delivery date:
14.6.2018

Description: *Testing the efficacy of chemical disinfectants and antiseptics*

Sample ID: S37/2018
Rep No: 32
Sample name: **Medi Spray**
Sampled by client
Sampling point: Medi-Sept Sp. z o.o., Konopnica 159c, 210 30 Motycz
Client: Medi-Sept Sp. z o.o., Konopnica 159c, 210 30 Motycz, Poland

Sampling date: 21.2.2018
Sample delivered: 27.2.2018
Testing date: 5.4. – 13.4.2018
Delivered amount: 3 x 100 ml
Batch No: 180123_1
Page: 4

Interpretation:

Results of tests are in Tabs.

The tested concentrated*/** product **Medi Spray**, batch No: 180123_1, in the contact times 30 s and 60 s under clean and dirty conditions at temperature $20\text{ }^{\circ}\text{C} \pm 1\text{ }^{\circ}\text{C}$ **proved** by the method of virus titration on monolayers of cells on microtitre plates to reduce the number of infectious *BVDV* strain NADL ATCC-VR-534 particles under defined conditions by at least a 4 lg reduction (EN 14476:2013+A1:2015).

* Product can only be tested at a concentration of 80% or less, as some dilution is always produced by adding the test organisms and interfering substance.

** The test was performed by using MicroSpinTM S 400 HR

Conclusion:

The product **Medi Spray** is capable of reducing the number of infectious *BVDV* particles under defined conditions to the declared values, and consequently, may be called virucidal on *BVDV*.

14.6.2017, Hodonín

Ing. Barbora Stoklasková, Leader of Study



7. EN 16615 Bakterie – 30 sek / czyste i brudne.
8. EN 16615 Grzyby drożdżopodobne - 30 sek / czyste i brudne.



VELOX SPRAY
EN 16615:2015



EVS-EN 16615:2015
OÜ BALTACHEMI
LABORATORY
Tel +372 6214 694
e-mail: info@baltiacemi.ee

**Quantitative test method for the evaluation of bactericidal and yeasticidal activity
on non-porous surfaces with mechanical action employing wipes in the medical area, 4-field test (phase 2, step 2)**

TEST REPORT no 423a

1. General information and material

Client: Medi-Sept Sp. z.o.o., Konopnica 159 c, 21-030 Motycz, Poland
Date of order: 2018/12/20

2. Identification of sample

Name of the product: VELOX SPRAY
Batch number: LOT:180822_3
Manufacturer: Medi-Sept Sp. z.o.o.

Microbiologist
Ljudmila Shljapnikova
Biol.Ph.D.
Head of the Laboratory



1



VELOX SPRAY
EN 16615:2015

Date of delivery: 2019/01/11
Storage conditions: room temperature and darkness
Apperance of the product: clear liquid
Recommended diluent: product is ready to use
Active substance: Etanol, 63.7 %; Propan-2-ol, 6,3 %

3. Test conditions

Test period: 2019/01/11 – 2019/01/19
Date of tests: 2019/01/11; 2019/01/15
Product test concentrations: 100 %
Exposure time: 30 s.
Test temperature: 19,5 ± 0,5°C
Organic load: for clean condition is bovine albumine, 0,3g/l
for dirty conditions are bovine albumine, 3,0 g/l and sheep erythrocytes, 3 ml/l
Neutralizer: Polysorbate 80, 30 g/l; Lecithin, 3 g/l; Saponin, 30 g/l
Temperature of incubation: 36,5°C ± 0,5°C for bacteria and 29,5°C ± 0,5°C for yeast
Test organisms: Staphylococcus aureus ATCC 6538, Pseudomonas aeruginosa ATCC 15442, Enterococcus hirae ATCC 10541, Candida albicans ATCC 10231

4. Methods

2.1. Test method and its validation: dilution neutralisation
5. Results: see annex

6. Conclusion

In accordance with EN 16615:2015, product VELOX SPRAY (LOT:180822_3) with concentration 100 % in 30 s. possesses bactericidal activity on non-porous surfaces with mechanical action employing wipes at 20 °C under clean and dirty conditions for referenced strains Staphylococcus aureus ATCC 6538, Pseudomonas aeruginosa ATCC 15442 and Enterococcus hirae ATCC 10541. The product VELOX SPRAY (LOT:180822_3) demonstrates at least a 5 lg reduction. The VELOX SPRAY (LOT:180822_3) possesses high yeasticidal activity (4 lg reduction) under conditions: concentration 100 % in 30 s. on non-porous surfaces with mechanical action employing wipes at 20 °C under clean and dirty conditions in relation to Candida albicans ATCC 10231.

Microbiologist
Ljudmila Shljapnikova
Biol.Ph.D.
Head of the Laboratory



2

9. EN 13697 Bakterie 30 sek/czyste; 60 sek/brudne.
10. EN 13697 Grzyby drożdżopodobne 30 sek/czyste.



VELOX SPRAY LEMON
EVS-EN 13697:2015



EVS-EN 13697:2015
OÜ BALTACHEMI
LABORATORY
Maagi, 5, 74114
Maardu, Estonia
Tel.+372 6214 694
e-mail: info@baltiacemi.ee

Quantitative non-porous surface test for the evaluation of bactericidal and yeasticidal activity

TEST REPORT no 450

1. General information and material

Client: Medisept Sp. z.o.o., Konopnica 159 c, 21-030 Motycz, Poland
Date of order: 2019/11/18

2. Identification of sample

Name of the product: VELOX SPRAY LEMON
Batch number: 180405_10
Manufacturer: Medisept Sp. z.o.o.
Date of delivery: 2018/05/07

Microbiologist
Ljudmila Shljapnikova
Ph.D.
Head of the Laboratory



1



VELOX SPRAY LEMON
EVS-EN 13697:2015

Storage conditions: room temperature and darkness
Apperance of the product: unpainted clear liquid
Recommended diluent: product is ready for use
Active substance: Ethanol – 63,7 %, Propan-2-ol – 6,3 %

3. Test conditions

Test period: 2019/11/19 – 2019/11/22
Date of tests: 2019/11/19
Product test concentrations: 100 %
Exposure time: 30 s., 60 s.
Test temperature: 19,5 °C ± 0,5°C
Interfering substance: clean conditions (0,3 g/l bovine albumine), dirty conditions (3,0 g/l bovine albumine)
Neutralizer: Polysorbate 80, 30 g/l; Lecithin, 3 g/l; Saponin, 30 g/l
Test organisms: Escherichia coli ATCC 10536, Staphylococcus aureus ATCC 6538, Enterococcus hirae ATCC 10541, Pseudomonas aeruginosa ATCC 15442, Candida albicans ATCC 10231
Incubation temperature: 36,5 °C ± 0,5°C for bacteria, 29,5 °C ± 0,5°C for Candida albicans ATCC 10231

4. Methods

2.1. Test method and its validation: dilution neutralization

5. Results

see annex

6. Conclusion

In accordance with EN 13697:2015 product VELOX SPRAY LEMON, batch number 180405_10, at concentration 100 % possesses bactericidal activity on non-porous surfaces in 30 s. at 20 °C under clean conditions (0,3 g/l bovine albumin) and 60 s. under dirty conditions (3,0 g/l bovine albumine) for referenced strains Escherichia coli ATCC 10536, Staphylococcus aureus ATCC 6538, Pseudomonas aeruginosa ATCC 15442, Enterococcus hirae ATCC 10541 ($R \geq 4$ lg) and possesses yeasticidal activity at concentration 100 % under clean conditions (0,3 g/l bovine albumin) in 30 s. for reference strain Candida albicans ATCC 10231 ($R \geq 3$ lg).

The conclusion is true only for the studied sample of the product VELOX SPRAY LEMON, batch number 180405_10.

Microbiologist

2

11. EN 13624 Grzyby drożdżopodobne (C.albicans) 15 sek/ czyste i brudne.



VELOX SPRAY LEMON
EN 13624:2013



EVS-EN 13624:2013
OÜ BALTACHEMI
LABORATORY
Maagi, 5, 74114
Maardu, Estonia
Tel.+372 6214 694
e-mail: info@baltiacemi.ee

Quantitative suspension test for the evaluation of yeasticidal activity in the medical area (phase 2, step 1)

TEST REPORT no 449

1. General information and material

Client: Medisept Sp. z o.o., Konopnica 159 c, 21-030 Motycz, Poland
Date of order: 2019/11/18

2. Identification of sample

Name of the product: VELOX SPRAY LEMON
Batch number: 151030_50
Manufacturer: Medisept Sp. z o.o.

Microbiologist
Ljudmila Shljapnikova
Ph.D.
Head of the Laboratory



1



VELOX SPRAY LEMON
EN 13624:2013

Date of delivery: 2015/11/09
Storage conditions: room temperature and darkness
Apperance of the product: liquid, clear, without color
Recommended diluent: product is ready for use
Active substance: 55-65 % Ethanol and 5-10 % Propan-2-ol

3. Test conditions

Test period: 2019/11/19 – 2019/11/22
Date of test: 2019/11/19
Product test concentrations: 97 %
Exposure time: 15 s., 30 s., 60 s.
Test temperature: 19,5 ± 0,5°C
Organic load: dirty conditions (bovine albumine 3,0 g/l and sheep erythrocytes 3 ml/l)
clean conditions (bovine albumine 0,3 g/l)
Neutralizer: Polysorbate 80, 30 g/l; Saponin 30 g/l, Lecithin, 3 g/l
Test organisms: Candida albicans ATCC 10231

4. Methods

2.1. Test method and its validation: dilution neutralisation

5. Results

see annex

6. Conclusion

In accordance with EN 13624:2013, product VELOX SPRAY LEMON with concentration 97 % (the batch 151030_50) possesses yeasticidal activity in suspension test in 15 s., 30 s. and 60 s. at 20 °C under dirty and clean conditions for referenced strain Candida albicans ATCC 10231. The product VELOX SPRAY LEMON demonstrates at least a 4 lg reduction

The conclusion is true only for the studied sample of the product VELOX SPRAY LEMON (batch 151030_50).

Microbiologist
Ljudmila Shljapnikova
Ph.D.



2