

## Certificate of Analysis

**Product:** Oosafe® Disinfectant

**Batch/LOT No.:** 60465

**Production date:** 10/2016

**Expiry date:** 11/2019

Analyses / Method	Specification	Result
Appearance / Visual	Clear liquid	Clear liquid
Odor / Olfactive	Mild	Mild
pH-Rate (2% active substance in water) / pH meter (DIN EN 1262)	6.5 – 7.2	6.9
Density, 20 °C, gr/cm <sup>3</sup> / DIN 51757	1.001 – 1.010	1.005
Quaternary Ammonium Compounds / QUAT test stripe		2.6 mg/g
Sodium nitrite		≤ 0.1 mg/g
Additives		3.2 mg/g
Water		The rest

**GOosafe with SparMED!**

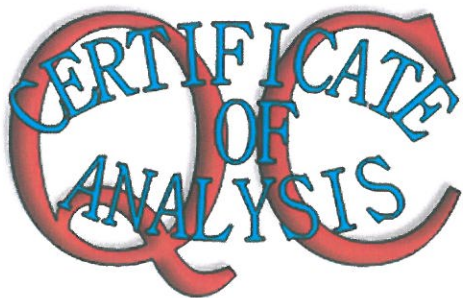
Qi Wei

Quality Control Manager

SparMED ApS

**Date:** 09.02.2017





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ELI Accession Number: SPAR-6218-0217

Date of completion: 02-07-2017

Lot numbers: 60465, 63504

Reference numbers: OOMD/OOMDW

Description of test articles: Disinfectant, Disinfectant-Wipes

**Assay system requested by customer:** An incubator was cleaned with the test article (OOMDW). Post cleaning 1mL of test article (OOMD) was placed in a Petri dish and placed in the cleaned incubator. A culture plate was set up and one-cell mouse embryos were cultured in the cleaned incubator with the test article for 96-hours.

**Control assay method and results:** 15 one cell (B6C3F1 X B6D2F1) embryos were cultured in triplicate micro drops of culture medium in control incubator ELI-158:

15 / 15 (100 %)

1-cell to 2-cell within 24 hr

15 / 15 (100 %)

1-cell to expanded blastocyst within 96 hr

For a valid assay, *Embryotech™* requires at least 70% of one cell control embryos to develop to expanded blastocyst within 96-hours.

**Test assay method and results:** 21 one cell (B6C3F1 X B6D2F1) embryos were cultured in triplicate micro drops of culture medium while in incubator ELI-203 cleaned with test article OOMDW containing a Petri dish filled with the test article OOMD:

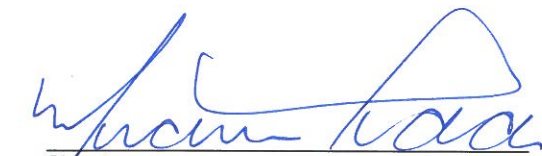
21 / 21 (100 %)

1-cell to 2-cell within 24 hr


21 / 21 (100 %)

1-cell to expanded blastocyst within 96 hr

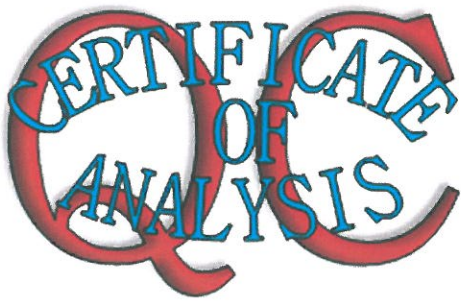
**Summary of observations:** All test and control embryos were selected randomly from a common pool of freshly collected embryos. 100 percent of the control embryos developed to the expanded blastocyst stage within 96-hours. 100 percent of the embryos cultured in an incubator previously cleaned and containing the test articles developed to the expanded blastocyst stage within 96-hours.

  
\_\_\_\_\_  
Signature  
Study Director

02-07-2017  
Date

  
\_\_\_\_\_  
Signature  
Quality Reviewer

02-07-2017  
Date



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ELI Accession Number: S2843-0217SPAR

Date of completion: 02-08-2017

Lot numbers: 60465, 63504

Reference number: OOMD, OOMDW

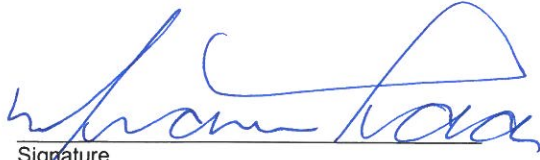
Description of test articles: Disinfectant, Disinfectant Wipes

**Assay system requested by customer:** An incubator was cleaned with the test article (OOMDW). Post cleaning the test article (OOMD) was added to a Petri dish and placed in the cleaned incubator. A prepared sperm sample was then placed in the cleaned incubator with the test articles for 24-hours. The forward progressive motility was read and recorded at 24-hours.

**Results:**

	<u>Initial motility</u>	<u>24hour motility</u>
<b>Test Article</b> (incubator ELI-203)	94 %	94 %
<b>Control</b> (incubator ELI-068)	94 %	94 %

**Summary of observations:** The motility of the sperm remained consistent in the incubator ELI-203 (that was cleaned with and that contained the test articles) and the incubator ELI-068 (the control sperm).

  
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 Signature  
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02-08-2017  
 Date

  
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 Signature  
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