

## Certificate of Analysis

**Product:** Oosafe Disinfection wipes

**Product code:** OODW-70

**Batch/LOT No.:** 81403

**Production date:** 03-2018

**Expiry date:** 03-2021

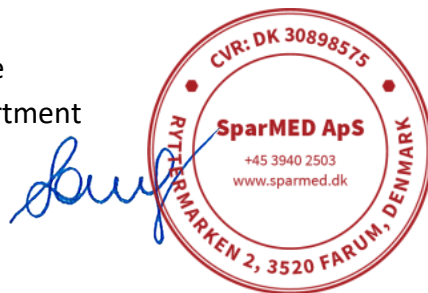
Analyses / Method	Specification	Result
Appearance / Visual	Clear liquid inside wipes	Clear liquid inside wipes
Odor / Olfactive	odorless	odorless
pH-Rate (2% active substance in water) / pH meter (DIN EN 1262)	7,0 – 9,0	8,6
Density, 20 °C, gr/cm <sup>3</sup> / DIN 51757	1,001 – 1,010	1,005
Quaternary Ammonium Compounds / QUAT test stripe	1,9 – 2,2 %	2 %
Water		The rest

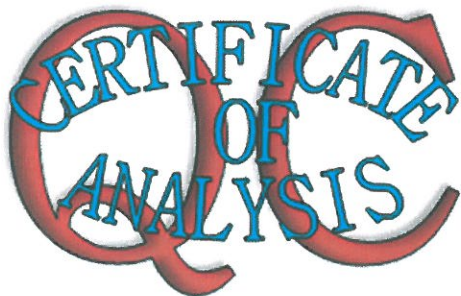
### GOosafe with SparMED!

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Quality Control Department

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**Date:** 23 Apr 2018





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ELI Accession Number: SPAR-8639-0418

Date of completion: 04-20-2018

Lot number: 81403

Reference number: OODW-70

Description of test article: Oosafe Disinfection Wipes

Assay system requested by customer: An incubator was cleaned with test article. Post cleaning a culture plate was set up and one cell mouse embryos were cultured in the cleaned incubator for 96-hours.

Control assay method and results: 15 one cell (B6C3F1 X B6D2F1) embryos were cultured in triplicate micro drops of culture medium; control incubator ELI-182:

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-158 which was cleaned with the test article:

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 culture medium in the incubator that had been cleaned with the test article developed to the expanded blastocyst stage within 96-hours.

Signature  
Study Director

04-20-2018  
Date

Signature  
Quality Reviewer

04-20-2018  
Date



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**ELI Accession Number:** S3331-0418SPAR    **Date of completion:** 04-19-2018

**Lot number:** 81403/81403-MD    **Reference number:** OODW-70/OOMDW-120


**Description of test article:** Oosafe Disinfection/Disinfectant Wipes

**Assay system requested by customer:** Incubators were cleaned with the test articles. Post cleaning a prepared sperm sample was placed in the cleaned incubators for 24-hours. The forward progressive motility was read and recorded at 24-hours.

**Results:**

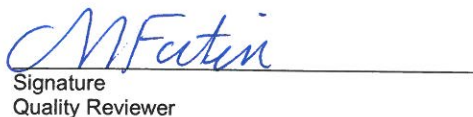
	<u>Initial motility</u>	<u>24hour motility</u>
<b>Test Article</b> (incubator ELI-243/158)	98 %	94 %
<b>Control</b> (incubator ELI-068)	98 %	98 %

**Summary of observations:** All test and control sperm was prepared from the same donor. The incubator ELI-068 (the control sperm) had a 98% forward progressive motility at 24-hours. The incubators ELI-243/158 (that was cleaned with the test articles) had a 94% forward progressive motility at 24-hours.



Signature  
Study Director

04-20-2018  
Date



Signature  
Quality Reviewer

04-20-2018  
Date