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CERTIFICATE OF ANALYSIS

PRODUCT: **Oosafe® Disinfectant for CO₂ Incubators and Laminar Flow Hoods**

DATE OF PRODUCTION: June, 2016

BATCH / LOT – no.: 60355

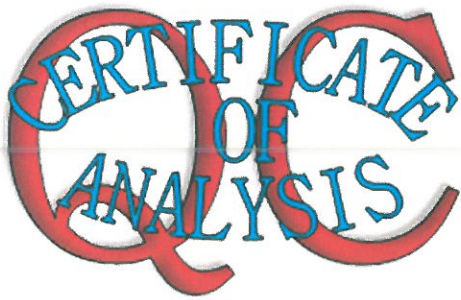
EXPIRY DATE: July, 2019

Analyses / Method	Specifications	Analytical data
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	6,8
Density, 20°C, g/cm ³ / DIN 51757	1.001 – 1.010	1.005
Quaternary Ammonium Compounds / QUAT test stripe		2,6 mgr / gr
Sodium nitrite		≤ 0,1 mgr / gr
Additives		3,2 mgr / gr
Water		the rest

3520 Farum, the 07th of December 2016

Dainius Vasiliauskas

The certificate is generated and controlled by electronic means. No signature is required



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ELI Accession Number: SPAR-5265-0716

Date of completion: 08-02-2016

Lot numbers: 60355 EXP 072019
80250 EXP 072019
70254 EXP 062019

Reference numbers: OODIH
OODH
OODSF

Description of test articles:

Oosafe® Disinfectant For CO2 Incubators and Laminar Flow Hoods,
Oosafe® Hand Disinfectant and Laboratory Surface Disinfectant

Assay system requested by customer: An incubator was cleaned with the test article. (CO₂ Disinfectant) Post cleaning 1mL of each test article (Hand Disinfectant and Surface Disinfectant) was placed in a corresponding 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 articles 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 %)
15 / 15 (100 %)

1-cell to 2-cell within 24 hr
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-248, cleaned with the test article OODIH containing the Petri dishes filled with the test articles OODH and OODSF:

21 / 21 (100 %)
21 / 21 (100 %)

1-cell to 2-cell within 24 hr
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 article developed to the expanded blastocyst stage within 96-hours.

Signature
Study Director

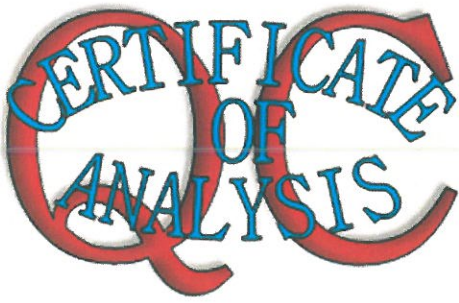
08-03-2016

Date

Signature
Quality Reviewer

08-03-2016

Date



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ELI Accession Number: S2607-0716SPAR

Date of completion: 07-30-2016

Lot numbers: 60355
80250
70254

Reference numbers: OODIH
OODH
OODSF

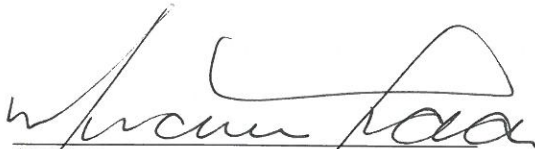
Description of test articles: Oosafe® Disinfectant For CO₂ Incubators and Laminar Flow Hoods, Oosafe® Hand Disinfectant and Laboratory Surface Disinfectant

Assay system requested by customer: An incubator was cleaned with the test article (Disinfectant For CO₂). Post cleaning 1mL of test articles (Hand Disinfectant and Laboratory Surface Disinfectant) was placed in 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>
Test Article (incubator ELI-248)	95 %	93 %
Control (incubator ELI-068)	95 %	95 %

Summary of observations: The motility of the sperm remained consistent in the incubator ELI-248 (that was cleaned with and that contained the test articles) and the incubator ELI-068 (the control sperm).


Signature
Study Director

08-01-2016
Date


Signature
Quality Reviewer

08-01-2016
Date