CERTIFICATE OF ANALYSIS

SparMED Aps
Ryttermarken 2
3520 Farum
Denmark

EMBRYOTECH LABORATORIES
140 Hale Street
Haverhill, MA 01830
qc@embryotech.com

ELI Accession Number: SPAR-6657-0417 **Date of completion:** 04-28-2017

Lot numbers: 60735, 70754 **Reference number:** N/A

Description of test articles:
Oosafe® Disinfectant for CO_2 Incubator and Laminar Flow Hoods, Oosafe® Laboratory Surface Disinfectant

Assay system requested by customer: An incubator was cleaned with the test article (Lot number 60735). Post cleaning 1mL of the test article (Lot number 70754) 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 ($B_6C_3F_1$ X $B_6D_2F_1$) embryos were cultured in triplicate micro drops of culture medium in control incubator ELI-243:

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 ($B_6C_3F_1$ X $B_6D_2F_1$) embryos were cultured in triplicate micro drops of culture medium while in an incubator ELI-248 containing the Petri dishes filled with the test articles:

20 / 21 (95 %)	1-cell to 2-cell within 24 hr
20 / 21 (95 %)	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. 95 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

04-28-2017
Date

Signature
Quality Reviewer

04-28-2017
Date