CERTIFICATE OF ANALYSIS

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ELI Accession Number: SPAR-6078-0117 **Date of completion:** 01-09-2017

Lot numbers: 60465, 80350, 70355 **Reference numbers:** OODIH, OODH, OODSF

Description of test articles:
Oosafe CO2 Disinfectant, Oosafe Hand Disinfectant, Oosafe Surface Disinfectant

Assay system requested by customer: An incubator was cleaned with the test article (Oosafe CO2 Disinfectant). Post cleaning 1mL of each test article (Oosafe Hand Disinfectant and Oosafe 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 ($B_6C_3F_1$ X $B_6D_2F_1$) embryos were cultured in triplicate micro drops of culture medium in control incubator ELI-248:

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-182 containing the Petri dishes filled with the test articles:

21 / 21 (100 %)	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

01-09-2017
Date

Signature
Quality Reviewer

01-09-2017
Date