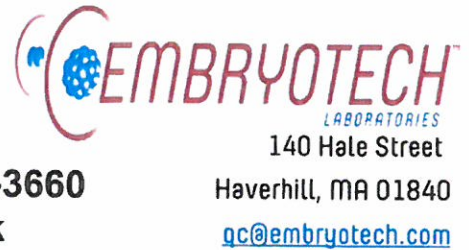




SparMED Aps  
 Toppevadvej 34-38, DK-3660  
 Stenlose, Denmark



140 Hale Street  
 Haverhill, MA 01840  
[qc@embryotech.com](mailto:qc@embryotech.com)

ELI Accession Number: S2036-1114SPAR

Date of completion: 12-02-2014

Lot number: 11/2017

Reference number: OODSF, OODIH  
 OODH, OODW

**Description of test article:** Oosafe® Laboratory Surface Disinfectant, Disinfectant For CO<sub>2</sub> Incubators and Laminar Flow Hoods, Hand Disinfectant, and Disinfection Wipes

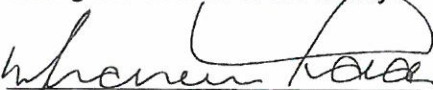
**Assay system requested:** Incubator was cleaned with OODIH. Post cleaning, 2 dishes were filled with OODH and OODSF and placed in the cleaned incubator with one OODW. A prepared sperm sample was placed in the cleaned incubator containing the test articles for 24-hours

**Test Assay materials and results:** A non-frozen donor sperm specimen was obtained and used for this assay. The sperm was prepared and the motile fraction separated using the sperm gradient in a centrifuge cycle. Motility was noted at the beginning of the assay and again at 24-hours using a measure depth Makler Chamber System. Analyses were performed in sequence each time, with no more than 5-minutes between the test and the control sample.

**Results:**

	<u>Initial motility</u>	<u>24hour motility</u>
Test Article (incubator ELI-068)	90 %	90 %
Control (incubator ELI-243)	90 %	90 %

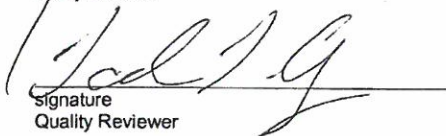
**Summary of observations:** The motility of the sperm remained consistent in the incubator that was cleaned with the test article and the control sperm that was incubated in ELI-068. Both the test and control showed no sign of affecting motility during the course of the assay.



signature  
 Study Director

12-03-2014

date



signature  
 Quality Reviewer

12/3/2014

date

Amended: 12-03-2014



SparMED Aps  
 Toppevadvej 34-38, DK-3660  
 Stenlose, Denmark



140 Hale Street  
 Haverhill, MA 01830  
[qc@embryotech.com](mailto:qc@embryotech.com)

**ELI Accession Number:** SPAR-1996(R1)-1114

**Date of completion:** 12-12-2014

**Lot number:** 11/2017

**Reference number:** OODSF, OODIH  
 OODW, OODH

**Description of test article:** Oosafe® Laboratory Surface Disinfectant, Disinfectant For CO<sub>2</sub> Incubators and Laminar Flow Hoods, Laboratory Disinfection Wipes and Hand Disinfectant

**Assay system requested by customer:** Incubator was cleaned with OODIH and shelves were wiped with test article OODW. Post cleaning, 2 dishes were filled with OODH and OODSF and placed in the cleaned incubator. A culture plate was set up and one-cell mouse embryos were cultured in the cleaned incubator containing the test articles for 96-hours.

**Control assay materials and results:** 15 1-cell (B6C3F1 X B6D2F1) embryos were cultured in triplicate micro drops of embryo-tested culture medium in control incubator ELI-248:

15 / 15 (100 %)  
 15 / 15 (100 %)

1-cell to 2-cell within 24 hr  
 1-cell to expanded blastocyst within 96 hr

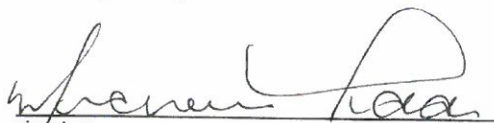
*For a valid assay, Embryotech™ requires at least 70% of 1-cell control embryos to develop to expanded blastocyst within 96-hours.*

**Test assay materials and results:** 21 1-cell (B6C3F1 X B6D2F1) embryos were cultured in triplicate micro drops of embryo-tested culture medium while in incubator ELI-203 containing a petri dish filled with the test articles:


21 / 21 (100 %)  
 20 / 21 ( 95 %)

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. 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

12-16-2014  
 date

  
 signature  
 Quality Reviewer

12-16-2014  
 date