CERTIFICATE OF ANALYSIS

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ELI Accession Number: SPAR-8826-0518 **Date of completion:** 05-26-2018

Lot number(s): 07949 **Reference number(s):** OOPW-SC01

Description of test article(s): Oosafe® Sperm Collection Cup

Assay system requested by customer: 1mL of culture medium was placed in the test article and incubated at 37°C for 30-minutes. Post incubation the culture medium was extracted and used to culture one-cell mouse embryos 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:

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 stage 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 that was extracted from 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 and were cultured in the same incubator at 37°C and 5.0% CO_2. 100 percent of the control embryos developed to the expanded blastocyst stage within 96-hours. 100 percent of the test embryos cultured in the extracted culture medium developed to the expanded blastocyst stage within 96-hours.

Signature
Study Director

05-29-2018
Date

Signature
Quality Reviewer

05-29-2018
Date