CERTIFICATE OF ANALYSIS

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

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

ELI Accession Number: SPAR-3841-1115 **Date of completion:** 11-17-2015

Lot number: 07603 **Reference number:** OOPW-TF03, OOPW-TF02

Description of test article(s): Oosafe® 35mm Dish, High Wall

Assay system requested by customer: 1mL of culture medium was placed in the test article (OOPW-TF03) and incubated at 37°C for 30-minutes. Post incubation three 20µl of the culture medium was extracted from the test article (OOPW-TF02) and placed into another test article. 1-cell mouse embryos were then added to each drop of extract medium in the second test article and cultured for 96-hours.

Control assay method and results: 15 1-cell ($B_6C_3F_1$ X $B_6D_2F_1$) embryos were cultured in 0.5mL drops in a non-treated 4-Well Dish using 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 1-cell stage control embryos to develop to expanded blastocyst within 96-hours.

Test assay method and results: 21 1-cell ($B_6C_3F_1$ X $B_6D_2F_1$) embryos were cultured in one of the test articles using the culture medium from the other test article:

21 / 21 (100 %)	1-cell to 2-cell within 24 hr
18 / 21 (86 %)	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. 86 percent of the embryos cultured in the test article developed to the expanded blastocyst stage within 96-hours.

signature
Study Director

11-17-2015
date

signature
Quality Reviewer

11-18-2015
date