

Certificate of Analysis

Date of completion: 9/9/2025

Lot number: 390012502

Description of test article(s): S-P-D290 ID:290um

Test Laboratory: Wego Ruisheng Ltd.

This Certificate of Analysis is issued to confirm that the lot of products above conform to product specifications and have been tested by a third-party laboratory on the Mouse Embryo Assay (MEA) test. For a valid result, at least 80% of one-cell stage control embryos to develop to expanded blastocyst within 96-hours of culture in both control and test groups.

Control assay method and results: 30 one-cell embryos were cultured in triplicate micro drops of culture medium:

30/30 (100%) Control 1-cell to 2-cell within 24 hours

30/30 (100%) Control 1-cell to expanded blastocyst within 96 hours

Test assay method and results: 30 one-cell embryos were cultured in triplicate micro drops of the extracted culture medium:

27/30 (90 %) Test 1-cell to 2-cell within 24 hours

27/30 (90 %) Test 1-cell to expanded blastocyst within 96 hours

Pass/Fail: Pass

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% CO₂. 100% of the control embryos developed to the expanded blastocyst stage within 96 hours. 90% of the test embryos cultured in the extracted culture medium developed to the expanded blastocyst stage within 96 hours.

Wang Yingchao 9/9/2025
(Signature and Date)

Quality Reviewer
(Title)