# CERTIFICATE OF ANALYSIS

**Matcher Technologies Limited**
**1B Canalside Business Park**
**Tattenhall Chester**
**Cheshire, CH3 9BD**
**United Kingdom**

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

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**ELI Accession Number:** IIL-5874-0525 **Date of completion:** 2025-06-02

**Lot number:** 0202505A **Reference number:** LBL020

**Description of test article(s):** Matcher Not For Cryo Use Labels

**Assay system requested by customer:** The test article (2) is placed on a culture plate. One-cell mouse embryos are placed in the culture plate and cultured for 96-hours.

**Control 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 overlaid with oil in control incubator (ELI-346):

| | | | | |
|---|---|---|---|---|
| 21 | / | 21 | 100 % | 1-cell to 2-cell within 24 hr |
| 21 | / | 21 | 100 % | 1-cell to expanded blastocyst within 96 hr |

*For a valid assay, Embryotech™ requires at least 80% 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 overlaid with oil with the test articles adhered to the outside of the culture plate in 445:

| | | | | |
|---|---|---|---|---|
| 20 | / | 21 | 95 % | 1-cell to 2-cell within 24 hr |
| 21 | / | 21 | 100 % | 1-cell to expanded blastocyst within 96 hr |

Pass/Fail = **Pass**

**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. 100 percent of the test embryos cultured in the culture plate with the test articles adhered developed to the expanded blastocyst stage within 96-hours.

Signature
Study Director

2025-06-02
Date

Signature
Quality Reviewer

2025/06/02
Date

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**ELI Accession Number:** IIL-5874-0525 **Date of completion:** 2025-06-02

**Lot number:** 0192505A **Reference number:** LBL019

**Description of test article(s):** Matcher For Cryo Use Labels

**Assay system requested by customer:** The test article (2) is placed on a culture plate. One-cell mouse embryos are placed in the culture plate and cultured for 96-hours.

**Control 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 overlaid with oil in control incubator (ELI-346):

| | | | | |
|---|---|---|---|---|
| 21 | / | 21 | 100 % | 1-cell to 2-cell within 24 hr |
| 21 | / | 21 | 100 % | 1-cell to expanded blastocyst within 96 hr |

*For a valid assay, Embryotech™ requires at least 80% 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 overlaid with oil with the test articles adhered to the outside of the culture plate in 486:

| | | | | |
|---|---|---|---|---|
| 21 | / | 21 | 100 % | 1-cell to 2-cell within 24 hr |
| 19 | / | 21 | 90 % | 1-cell to expanded blastocyst within 96 hr |

Pass/Fail = **Pass**

**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. 90 percent of the test embryos cultured in the culture plate with the test articles adhered developed to the expanded blastocyst stage within 96-hours.

CMurfin
Signature
Study Director

2025-06-02
Date

Eun Lutto
Signature
Quality Reviewer

2025/06/02
Date