

Mouse Embryo Assay  
Certificate of Analysis

**Product:** Brilliant Biopsy Micropipettes

**Catalog #:** BP.30BLU.30

**Lot Number:** HBP250725

**Expiration Date:** 2028-07-25

**Sterilization:** The products were gamma irradiated at a minimum dose of 25.8 kGy and a maximum dose of 33.8kGy on 7/31/2025. The validated sterile assurance level is  $10^{-6}$ .

| Assays                                  | Specification             | Results           |
|-----------------------------------------|---------------------------|-------------------|
| Endotoxin Assay (LAL Test) <sup>1</sup> | ≤0.5 EU/device            | <0.03125EU/device |
| Mouse Embryo Assay (MEA) <sup>2</sup>   | % expanded to blastocysts |                   |
| Control                                 | 80%                       | 100%              |
| This Lot                                | 80%                       | 100%              |

<sup>1</sup>Utilizes the LAL gel clot assay with a sensitivity of 0.03125EU/mL

<sup>2</sup>For a valid assay, at least 80% of 2-cell stage control embryos should develop to expanded blastocyst within 72 hours. The product is considered non-toxic if 80% of the embryos exposed to it develop to expanded and/or hatching blastocysts within 72 hours.

All assays were performed by an independent laboratory.

Approved by:



Date: 8/11/2025