

Mouse Embryo Assay
Certificate of Analysis

Product: Brilliant Biopsy Micropipettes

Catalog #: BP.28BLU.35

Lot Number: HBP250225

Expiration Date: 2028-02-25

Sterilization: The products were gamma irradiated at a minimum dose of 27.3 kGy and a maximum dose of 35.0kGy on 2/28/2025. The validated sterile assurance level is 10^{-6} .

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

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

²For 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: 3/13/2025