

Mouse Embryo Assay  
Certificate of Analysis

**Product:** Brilliant Biopsy Micropipettes

**Catalog #:** BP.28BLU.20

**Lot Number:** HBP241225

**Expiration Date:** 2027-12-25

**Sterilization:** The products were gamma irradiated at a minimum dose of 27.2 kGy and a maximum dose of 34.8kGy on 12/29/2024. 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%	95%

<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: 1/9/2025