

Certificate of Analysis



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Product Details

Product description: Sperm Buffer
Product code SPB-50
Lot number: J000006451
Expiry date: 03 Mar. 2025

Intended Use

Sperm Buffer is used to wash and resuspend sperm for the insemination step in intrauterine insemination (IUI), IVF or in diagnostic washing.

Product Analysis

| Assay | Specification | Result |
|---------------------|--|--------|
| pH at 25 °C in air | 7.3 – 7.5 | Pass |
| Osmolality | 285 – 295 mOsm/kg | Pass |
| MEA | MEA (1-cell): ≥80% developed to blastocyst stage or beyond by 96 hours | Pass |
| Sperm Toxicity Test | Sperm Survival Tested | Pass |
| Endotoxin | <0.40 EU/mL | Pass |
| Sterility | No Growth | Pass |
| HSA Analysis | 7.50 – 12.50 mg/mL | Pass |
| Gentamicin | 0.0075 – 0.0125 mg/mL | Pass |

Product passed and released by Quality

Signature:

Name: Elliot Atchison

Job Title: Manufacturing QA Team Leader

Date: 22 May. 2024