

# Certificate of Analysis



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## Product Details

**Product description:** Sperm Buffer  
**Product code** SPB-50  
**Lot number:** J000006222  
**Expiry date:** 24 Sep. 2024


## 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  | 7.30 – 7.50  | 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           | <0.4 EU/mL   | Pass   |
| Sterility           | No Growth  | Pass   |
| HSA Analysis        | 7.5 – 12.5 mg/mL   | Pass   |
| Gentamicin          | 0.0075 – 0.0125 mg/mL  | Pass   |

## Product passed and released by Quality

**Signature:**   
**Name:** Eila McGregor  
**Job Title:** Quality Assurance Associate  
**Date:** 06 Nov. 2023