

# Certificate of Analysis



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## Product Details

**Product description:** Sperm Buffer  
**Product code:** SPB-50  
**Lot number:** J000006535  
**Expiry date:** 20 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:**

Electronically signed by: Elliot Atchison  
Reason: Approval  
Date: Apr 24, 2024 13:42 GMT+10

**Name:** Elliot Atchison  
**Job Title:** Manufacturing QA Team Leader  
**Date:** 24 Apr. 2024