

# Certificate of Analysis



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## Product Details

**Product description:** Sperm Buffer  
**Product code:** SPB-50  
**Lot number:** J000006635  
**Expiry date:** 21 May. 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:** Eila McGregor  
**Job Title:** Quality Assurance Associate  
**Date:** 24 Jun. 2024