

# Certificate of Analysis



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## Product Details

Product description:	Sperm Buffer
Product code	SPB-50
Lot number:	J000006518
Expiry date:	17 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	7.30 – 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:

Electronically signed by: Lalitha Kalyanaraman  
Reason: QA Approval  
Date: Apr 16, 2024 11:34 GMT+10

Name: Lalitha Kalyanaraman

Job Title: QA Associate

Date: 16 Apr. 2024