

# Certificate of Analysis



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## Product Details

**Product description:** Sperm Buffer  
**Product code** SPB-50  
**Lot number:** J000007992  
**Expiry date:** 08 Jun. 2027

## 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: Nicole Connor  
Reason: QA Approval  
Date: Jul 10, 2026 13:37:35 GMT +10

**Name:** Nicole Connor  
**Job Title:** Quality Assurance Associate  
**Date:** 10 Jul. 2026

# Certificate of Analysis- J000007992

Final Audit Report

2026-07-10

|                 |                                                |
|-----------------|------------------------------------------------|
| Created:        | 2026-07-10 (Australian Eastern Standard Time)  |
| By:             | Nicole Connor (nicole.connor@geneabiomedx.com) |
| Status:         | Signed                                         |
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