

# Certificate of Analysis



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## Product Details

**Product description:** Sperm Wash Gradient Set  
**Product code:** SWG-01  
**Lot number:** J000006885  
**Expiry date:** 26 Aug. 2025

## Intended Use

Sperm Wash Gradient Set is used to separate sperm from seminal plasma as well as separating highly motile sperm in preparation for insemination.

## Product Analysis

| Assay               | Specification         |                   | Result |
|---------------------|-----------------------|-------------------|--------|
|                     | 45% gradient          | 90% gradient      |        |
| pH at 25 °C in air  | 7.3 – 7.5             |                   | Pass   |
| Osmolality          | 285 - 295 mOsm/kg     | 280 - 290 mOsm/kg | 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:** 30 Sep. 2024