

# Certificate of Analysis



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## Product Details

**Product description:** Sperm Wash Gradient Set  
**Product code:** SWG-01  
**Lot number:** J000005820  
**Expiry date:** 19 Mar. 2024

## 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	7.30 – 7.50		Pass
Osmolality	285 - 295 mOsm/kg	280 - 290 mOsm/kg	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:

Name: Elliot Atchison

Job Title: Manufacturing QA Team Leadee

Date: 14 Sep. 2023