

# Certificate of Analysis



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## Product Details

**Product description:** Vitrification Set  
**Product code** VIT-01  
**Lot number:** J000006868  
**Expiry date:** 20 Aug. 2025

## Intended Use

Gems Vitrification Set is used for the vitrification of human embryos for Assisted Reproductive Technology (ART) procedures.

**Caution:** Federal law (USA) restricts this device to sale by or on the order of a physician or practitioner trained in its use.

## Set Contents

The Gems Vitrification set comprises of Vitsol 1, Vitsol 2 and Vitsol 3.

## Product Analysis

Assay	Specification			Result
	Vitsol 1	Vitsol 2	Vitsol 3	
pH at 25 °C in air	7.3 – 7.5			Pass
MEA	MEA (1-cell): ≥80% developed to blastocyst stage or beyond by 96 hours			Pass
Endotoxin	<0.40 EU/mL		<0.05 EU/mL	Pass
Sterility	No Growth			Pass
HSA Analysis	13.70 – 22.90 mg/mL	12.20 – 20.30 mg/mL		Pass

## Product passed and released by Quality

**Signature:**  Electronically signed by: Lalitha Kalyanaraman  
Reason: QA Approval  
Date: Sep 19, 2024 11:46 GMT+10

**Name:** Lalitha Kalyanaraman

**Job Title:** QA Associate

**Date:** 19 Sep. 2024