

# Certificate of Analysis



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## Product Details

Product description:	VitBase
Product code	VBS-20
Lot number:	J000007329
Expiry date:	27 Apr. 2026

## Intended Use

VitBase is a HEPES buffered medium that is used to maintain embryos for a short period of time in a non-gassed environment.

**USA only:** Gems VitBase is a HEPES buffered medium that is used to maintain embryos for a short period of time in a non-gassed environment during embryo vitrification and warming procedures. The embryos can be placed in this medium for a maximum of 10 minutes.

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

## Product Analysis

Assay	Specification	Result
pH at 25 °C in air	7.3 – 7.5	Pass
Osmolality	295 – 305 mOsm/kg	Pass
MEA	MEA (1-cell): ≥80% developed to blastocyst stage or beyond by 96 hours	Pass
Endotoxin	<0.40 EU/mL	Pass
Sterility	No Growth	Pass
HSA Analysis	15.00 – 25.00 mg/mL	Pass

## Product passed and released by Quality

Signature:

A handwritten signature in black ink, appearing to read 'Elliot Atchison'.

Electronically signed by: Elliot  
Atchison  
Reason: Approval  
Date: Jun 25, 2025 14:26  
GMT+10

Name: Elliot Atchison

Job Title: QA Lead

Date: 25 Jun. 2025








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Final Audit Report

2025-06-25

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