

Certificate of Analysis



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Product Details

Product description:	VitBase
Product code	VBS-20
Lot number:	J000007662
Expiry date:	18 Nov. 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:

Electronically signed by: Nicole Connor
Reason: QA Approval
Date: Dec 17, 2025 14:19:59 GMT+11

Name: Nicole Connor

Job Title: Quality Assurance Associate

Date: 17 Dec. 2025

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Final Audit Report

2025-12-17

Created:	2025-12-17 (Australian Eastern Daylight Time)
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