

# Certificate of Analysis



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## Product Details

**Product description:** VitBase  
**Product code:** VBS-20  
**Lot number:** J000006540  
**Expiry date:** 24 Mar. 2025

## 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: Lalitha Kalyanaraman  
Reason: QA Approval  
Date: Apr 19, 2024 15:13 GMT+10

**Name:** Lalitha Kalyanaraman

**Job Title:** QA Associate

**Date:** 19 Apr. 2024