

PRODUCT: **Vitrification Media**LOT#: **M0709**EXPIRY DATE: **2024-07-10**

Year / Month / Date

REF: 91101

CODE: VT601



(01) 1 4582231 46207 7 (17) 240710 (10) M0709

APPROVED BY:

Kazumi Shibata
Quality Control

2023-09-19

CERTIFICATE OF ANALYSIS**Indication for Use:** Vitrification Media is used for vitrification and storage of oocytes and/or embryos.**Storage:** Store between 2-8 °C.**Caution:** Federal law restricts this device to sale by or on the order of a physician or practitioner trained in its use.

The product has been manufactured by Kitazato Corporation in conformity with requirements of ISO13485 Quality management system. The quality of products was tested and evaluated by quality control procedures.

ASSAY	SPECIFICATION	RESULT			
		BS	ES	VS1	VS2
Color	Clear, Particle Free/ Rose Pink	Pass	Pass	Pass	Pass
pH	7.20-7.60	7.46	7.46	7.50	7.50
Osmolality ¹	BS:240-300				
	ES:2300-2800	289	2357	5292	5313
	VS:4900-6000				
Endotoxin ²	< 0.25 EU/mL	<0.006	<0.006	<0.006	<0.006
Sterility ³	No Microbial Growth	Pass	Pass	Pass	Pass
MEA(One Cell) ⁴					
-Control	≥ 80%		80%		
-This Lot	≥ 80%		80.95%		
Gentamicin ⁵	< 50µg/mL	Pass	Pass	Pass	Pass

¹ Osmotic pressure is measured either by osmolality; with freezing point in mOsm/L or by osmolality; with vapor pressure osmometry in mmol/kg.

² Bacteria Endotoxins Test, Photometric Techniques in accordance with the USP, EP and JP

³ Sterility Tests, Direct Inoculation in accordance with the USP, EP and JP

⁴ One cell mouse embryo testing is performed using fresh mouse embryos. Test results indicate the percentage of mouse embryos developing to fully expanded blastocysts after 96 hours in culture medium.

⁵ Gentamicin quantitative assay is conducted. The acceptance criteria required is less than 50µg/mL.