

## Certificate of Quality

**Product Name:** M4RT(3ml) w/o beads PK/72  
**Lot Number:** 216612

**Product Number:** R12699  
**Expiration Date:** 2022-06-29  
 (YYYY-MM-DD)

This product has been manufactured, processed and packaged in accordance with Quality Systems Regulation, 21 CFR Part 820. Representative samples were tested per Remel Inc., a part of Thermo Fisher Scientific Quality Control specifications and were found to meet performance criteria for this product.

Organism Challenge	Strain	Results
<b>Maintenance:</b>		
Chlamydia trachomatis	VR-880	Pass
Herpes simplex type 2	VR-734	Pass
Cytomegalovirus	VR-977	Pass
Respiratory syncytial virus	VR-1540	Pass
<b>Toxicity:</b>		
MRC5 Cells	CCL-171	Pass
VERO Cells	CCL-81	Pass
McCoy Cells	CRL-1696	Pass

**Physical Characteristics:**  
 Appearance: Orange-Pink to Pink-Orange Clear Broth  
 pH @ 20-25°C: 7.3 +/- 0.2

**Microbial Load Evaluation:**  
 Manufactured lot has been statistically sampled. Samples were acceptable for microbial content and aesthetic value following half of the samples incubated at a minimum of 72 hours at 33-37°C, subcultured to Blood Agar, and incubated at an additional 72 hours at 33-37°C, and the other half of the samples incubated at a minimum of 48 hours at 20-25°C, subcultured to Sabouraud Dextrose Agar, and incubated at an additional 5 days at 20-25°C.

Signed  
  
 Quality Assurance Supervisor