



CERTIFICATE OF ANALYSIS

Product Name: RPMI-1640 Medium
Without L-Glutamine, Glucose, and Sodium Bicarbonate

MADE IN THE USA

Catalog Number: RPP24

Storage: 2 to 8°C

Manufacture Date: AUG-2018

Lot Number: 08180014

Expiration Date: 31-AUG-2022

| Test | Specifications | Results |
|---|----------------------------|-------------|
| Appearance | Off-White to Orange Powder | PASS |
| Solubility (in H ₂ O) | 8.26 g/L in ≤ 30 minutes | 3 minutes |
| Moisture Content | ≤ 2% | < 1.25% |
| Particle Size (100 mesh) | ≥ 90% | ≥ 95% |
| pH <i>(measured at 24°C)</i> | | |
| Without NaHCO ₃ | Record | 6.96 |
| With 2000 mg/L NaHCO ₃ | Record | 7.47 |
| Osmolality | | |
| Without NaHCO ₃ | Record mM/Kg | 230 mM/Kg |
| With 2000 mg/L NaHCO ₃ | Record mM/Kg | 275 mM/Kg |
| Endotoxin | ≤ 1.0 EU/mL | < 0.1 EU/mL |
| <i>Endotoxin testing was performed using the LAL detection method.</i> | | |
| Mycoplasma | Negative | NEGATIVE |
| <i>Mycoplasma test was performed using MycoAlert® Mycoplasma Detection Assay.</i> | | |
| Animal Cell Culture | | |
| Cell Growth Promotion | 3 Passages | PASS |
| Viability | ≥ 80% | > 85% |
| <i>Medium was supplemented with 10% FBS, 292 mg/L L-Glutamine, and 2 g/L D-Glucose, adjusted to pH 7.32, then tested using VERO cells grown in a monolayer in a 5% CO₂ atmosphere.</i> | | |

This product was produced and tested in accordance with all relevant SOP's and meets or exceeds the quality standards established by Caisson Laboratories, Inc.

This product is intended for laboratory use only.

Prepared by:

Reviewed by:

BSE/TSE Declaration

To the present state of our knowledge we declare that this product does not contain any BSE/TSE AGENT. This declaration is given in good faith and no warranty express or implied with respect to quality and properties is made.

Kurt Rieben
Quality Control

28-AUG-2018