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Certificate of Analysis

Product Description: Minimum Essential Medium Eagle (Modified), with Earle's Salts and L-Glutamine, without Sodium Bicarbonate
Catalog Number: 1010120; 1010122; 1010124
Lot: C2378

Formula: N/A
CAS #: N/A
Physical Description: Orange Powder

Formula Weight: N/A
Storage: 2 - 8°C

Test	Specification	Result
Moisture Content	≤2.0%	<0.5%
Solubility	Passes	Passes
Osmolality	240 - 320 mM/kg	249 mM/Kg (without NaHCO ₃)
pH (Before adjustment with Sodium Bicarbonate)	5.5 - 6.7	5.85
pH (After adjustment with Sodium Bicarbonate)	6.8 - 8.0	7.51
Cell Growth Promotion (3 passages)	Passes	Passes
Viability (Toxicity)	>80%	>85%
Endotoxin	Report Result	<0.1 EU/mL
Mycoplasma	Negative	Negative
Expiration Date	Month/Day/Year	03/31/2023

Medium was supplemented with 10% FBS and 2.2 g/L NaHCO₃ adjusted to pH 7.33, and tested using VERO cells grown in a monolayer in a 5% CO₂ atmosphere.
 Osmolality (with 2200 mg/l NaHCO₃): 294 mM/kg

A handwritten signature in cursive script, appearing to read 'J. Huang'.

05/09/2019 - John Huang, PhD
MP Biomedicals, LLC.
Quality Control Manager

This is an electronically generated document
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