

## 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:** C2388

**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 (5 Minutes)
Osmolality	240 - 320 mM/kg	249 mM/Kg W/O NaHCO <sub>3</sub> 297 mM/Kg with NaHCO <sub>3</sub>
pH (Before adjustment with Sodium Bicarbonate)	5.5 - 6.7	5.83
pH (After adjustment with Sodium Bicarbonate)	6.8 - 8.0	7.53
Cell Growth Promotion (3 passages)	Passes	Passes
Viability (Toxicity)	>80%	>80%
Endotoxin	Report Result	<0.1 EU/ml
Mycoplasma	Negative	Negative
Expiration Date	Month/Day/Year	04/30/2023

Medium was supplemented with 10% FBS and 2.2 g/L NaHCO<sub>3</sub> adjusted to pH 7.31, and tested using VERO cells grown in a monolayer in a 5% CO<sub>2</sub> atmosphere.



MP Biomedicals, LLC.  
Quality Control Manager

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<mailto:biotech@mpbio.com>  
<http://www.mpbio.com>

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