

## Specification

**Product #:** M 1456

**Description:** DMEM w: 1,0 g/l Glucose, w: L-Glutamine, w: Sodium pyruvate,w/o: 1 L

**Specification:** w: L-Glutamine, w: Sodium pyruvate,w/o: NaHCO<sub>3</sub>

**Storage:** 2°C - 8°C

## Testings

### Acceptance Criteria

### Accepted Result

## Composition

### anhydrous

|        |               |
|--------|---------------|
| 108.69 | 108.6900 mg/L |
|--------|---------------|

### Inorganic Salts

|  |                 |
|--|-----------------|
| Calcium chloride anhydrous             | 200.0000 mg/L   |
| Iron (III) nitrate x 9H <sub>2</sub> O | 0.1000 mg/L     |
| Magnesium sulfate anhydrous            | 97.6600 mg/L    |
| Potassium chloride                     | 400.0000 mg/L   |
| Sodium chloride                        | 6,400.0000 mg/L |

### Other Components

|                                      |                 |
|--------------------------------------|-----------------|
| Amino acids L-Arginine x HCl         | 84.0000 mg/L    |
| D(+)-Glucose anhydrous               | 1,000.0000 mg/L |
| Glycine                              | 30.0000 mg/L    |
| L-Cystine x 2HCl                     | 62.5800 mg/L    |
| L-Glutamine                          | 584.0000 mg/L   |
| L-Histidine x HCl x H <sub>2</sub> O | 42.0000 mg/L    |
| L-Isoleucine                         | 104.8000 mg/L   |
| L-Leucine                            | 104.8000 mg/L   |
| L-Lysine x HCl                       | 146.2000 mg/L   |
| L-Methionine                         | 30.0000 mg/L    |
| L-Phenylalanine                      | 66.0000 mg/L    |
| L-Serine                             | 42.0000 mg/L    |
| Phenol red                           | 15.0000 mg/L    |
| Sodium pyruvate                      | 110.0000 mg/L   |

### P03-0510

|                 |               |
|-----------------|---------------|
| L-Threonine     | 95.2000 mg/L  |
| L-Tryptophan    | 16.0000 mg/L  |
| L-Tyrosine x Na | 103.7900 mg/L |
| L-Valine        | 93.6000 mg/L  |

## Vitamins

|                        |             |
|------------------------|-------------|
| Choline chloride       | 4.0000 mg/L |
| D-Calcium pantothenate | 4.0000 mg/L |
| Folic acid             | 4.0000 mg/L |
| myo-Inositol           | 7.0000 mg/L |
| Nicotinamide           | 4.0000 mg/L |
| Pyridoxine x HCl       | 4.0000 mg/L |
| Riboflavin             | 0.4000 mg/L |
| Thiamine x HCl         | 4.0000 mg/L |