

**IMDM Medium Ingredient Formula**

| Ingredient(mg/L) / Cat. No.                         | PM150510P |
|---|-----------|
| CaCl <sub>2</sub> (Anhydrous)                       | 165.3     |
| MgSO <sub>4</sub> (Anhydrous)                       | 97.67     |
| KCl   | 330       |
| KNO <sub>3</sub>                                    | 0.076     |
| NaHCO <sub>3</sub>                                  | -         |
| NaCl  | 4505      |
| NaH <sub>2</sub> PO <sub>4</sub> (Anhydrous)        | 109       |
| Na <sub>2</sub> SeO <sub>3</sub> •5H <sub>2</sub> O | 0.017     |
| L-Alanyl-L-Glutamine                                | -         |
| L-Arginine Hydrochloride                            | 84        |
| L-Cystine Dihydrochloride                           | 91.24     |
| L-Glutamine   | 584       |
| L-Histidine Hydrochloride Monohydrate               | 42        |
| L-Isoleucine  | 105       |
| L-Leucine   | 105       |
| L-Lysine Hydrochloride                              | 146       |
| L-Methionine  | 30        |
| L-Phenylalanine                                     | 66        |
| L-Threonine   | 95        |
| L-Tryptophan  | 16        |
| L-Tyrosine Disodium Salt Dihydrate                  | 103.79    |
| L-Valine  | 94        |
| Glycine   | 30        |
| L-Alanine   | 25        |
| L -Asparagine Monohydrate                           | 28.4      |
| L-Aspartic Acid                                     | 30        |
| L-Glutamic Acid                                     | 75        |
| L-Proline   | 40        |
| L-Serine  | 42        |
| Biotin  | 0.013     |
| Choline Chloride                                    | 4         |
| D-Calcium Pantothenate                              | 4         |
| Folic Acid  | 4         |
| Niacinamide   | 4         |
| Pyridoxal Hydrochloride                             | 4         |
| Riboflavin  | 0.4       |
| Thiamine Hydrochlorid                               | 4         |
| Vitamin B12   | 0.013     |
| Meso-inositol                                       | 7.2       |
| D-Glucose   | 4500      |
| HEPES   | 5958      |
| Sodium Pyruvate                                     | 110       |
| Phenol Red  | 15        |
| Penicillin G Sodium Salt                            | -         |
| Streptomycin Sulfate                                | -         |