

## DMEM - F12 w/ stable Glutamine w/ 15 mM Hepes

AC-LM-0020

| Components                                | Quantity in g/l |
|-------------------------------------------|-----------------|
| Calcium Chloride Dihydrate                | 0,15450000      |
| Magnesium Chloride Hexahydrate            | 0,06120000      |
| Magnesium Sulfate Anhydrous               | 0,04884000      |
| Cupric Sulfate Pentahydrate               | 0,00000130      |
| Ferric Nitrate Nonahydrate                | 0,00005000      |
| Ferrous Sulfate Heptahydrate              | 0,00041700      |
| Potassium Chloride                        | 0,31180000      |
| Sodium Chloride                           | 6,99600000      |
| Sodium Phosphate Dibasic Anhydrous        | 0,07102000      |
| Sodium Phosphate Monobasic Anhydrous      | 0,05430000      |
| Zinc Sulfate Heptahydrate                 | 0,00043200      |
| Glycine                                   | 0,01875000      |
| L-Alanine                                 | 0,00445000      |
| L-Alanyl-L-Glutamine (Glutamine stable)   | 0,36500000      |
| L-Arginine Monohydrochloride              | 0,14750000      |
| L-Asparagine Monohydrate                  | 0,00750000      |
| L-Aspartic acid                           | 0,00665000      |
| L-Cysteine Monohydrochloride Monohydrate  | 0,01756000      |
| L-Cystine Dihydrochloride                 | 0,03129000      |
| L-Glutamic Acid                           | 0,00735000      |
| L-Histidine Monohydrochloride Monohydrate | 0,03148000      |
| L-Isoleucine                              | 0,05447000      |
| L-Leucine                                 | 0,05905000      |
| L-Lysine Monohydrochloride                | 0,09125000      |
| L-Methionine                              | 0,01724000      |
| L-Phenylalanine                           | 0,03548000      |
| L-Proline                                 | 0,01725000      |
| L-Serine                                  | 0,02625000      |
| L-Threonine                               | 0,05345000      |
| L-Tryptophan                              | 0,00902000      |
| L-Tyrosine Disodium Salt Dihydrate        | 0,05579000      |
| L-Valine                                  | 0,05285000      |
| Choline Chloride                          | 0,00898000      |
| D-Biotin                                  | 0,00000350      |
| D-Ca Pantothenate                         | 0,00224000      |
| Folic Acid                                | 0,00266000      |
| Myo-Inositol                              | 0,01260000      |
| Nicotinamide (Nicotinic acid amide)       | 0,00202000      |

|                          |            |
|--------------------------|------------|
| Pyridoxine Hydrochloride | 0,00203100 |
| Riboflavin               | 0,00021900 |
| Thiamine Hydrochloride   | 0,00217000 |
| Vitamine B12             | 0,00068000 |
| D-Glucose Anhydrous      | 3,15100000 |
| Hepes Free Acid          | 3,57450000 |
| Hypoxanthine             | 0,00210000 |
| Linoleic acid            | 0,00004200 |
| Phenol Red Sodium Salt   | 0,00863000 |
| Putrescine+2HCL          | 0,00008100 |
| Sodium Pyruvate          | 0,05500000 |
| Thioctic Acid            | 0,00010500 |
| Thymidine                | 0,00036500 |
| Sodium Bicarbonate       | 1,20000000 |