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|                         |                                       |                  |
| <b>DMEM</b>             |                                       | <b>P04-03600</b> |
|                         | <b>Components</b>                     | mg/L             |
| <b>Inorganic Salts</b>  | Calcium chloride                      | 200              |
|                         | Iron(III) nitrate x 9H <sub>2</sub> O | 0,1              |
|                         | Magnesium sulfate                     | 97,67            |
|                         | Potassium chloride                    | 400              |
|                         | Sodium chloride                       | 6400             |
|                         | Sodium dihydrogen phosphate           | 108,69           |
| <b>Other Components</b> | D(+)-Glucose anhydrous                | 4500             |
|                         | Sodium pyruvate                       | 110              |
|                         | Phenol red                            | 15               |
| <b>Amino acids</b>      | L-Arginine x HCl                      | 84               |
|                         | L-Cystine x 2HCl                      | 62,58            |
|                         | L-Glutamine                           | 0                |
|                         | Glycine                               | 30               |
|                         | L-Histidine x HCl x H <sub>2</sub> O  | 42               |
|                         | L-Isoleucine                          | 104,8            |
|                         | L-Leucine                             | 104,8            |
|                         | L-Lysine x HCl                        | 146,2            |
|                         | L-Methionine                          | 30               |
|                         | L-Phenylalanine                       | 66               |
|                         | L-Serine                              | 42               |
|                         | L-Threonine                           | 95,2             |
|                         | L-Tryptophane                         | 16               |
|                         | L-Tyrosine                            | 72               |
| D-Valine                | 93,6                                  |                  |
| <b>Vitamins</b>         | D-Calcium pantothenate                | 4                |
|                         | Choline chloride                      | 4                |
|                         | Folic acid                            | 4                |
|                         | myo-Inositol                          | 7                |
|                         | Nicotinamide                          | 4                |
|                         | Pyridoxine HCl                        | 4                |
|                         |                                       |                  |
|                         | NaHCO <sub>3</sub>                    | 3.7 g/L          |
|                         |                                       |                  |