



DMEM 低糖液体培养基

货号：BL308A

规格：500ml

保存温度：2-8℃，避光保存，有效期 12 个月

| components                                 | Molecular Weight | Concentration (mg/L) | mM     |
|--------------------------------------------|------------------|----------------------|--------|
| <b>Amino Acids</b>                         |                  |                      |        |
| Glycine                                    | 75               | 30                   | 0.4    |
| L-Arginine hydrochloride                   | 211              | 84                   | 0.398  |
| L-Cystine 2HCl                             | 313              | 63                   | 0.201  |
| L-Histidine hydrochloride-H <sub>2</sub> O | 210              | 42                   | 0.2    |
| L-Isoleucine                               | 131              | 105                  | 0.801  |
| L-Leucine                                  | 131              | 105                  | 0.801  |
| L-Lysine hydrochloride                     | 183              | 146                  | 0.797  |
| L-Methionine                               | 149              | 30                   | 0.201  |
| L-Phenylalanine                            | 165              | 66                   | 0.4    |
| L-Serine                                   | 105              | 42                   | 0.4    |
| L-Threonine                                | 119              | 95                   | 0.798  |
| L-Tryptophan                               | 204              | 16                   | 0.0784 |
| L-Tyrosine disodium salt dihydrate         | 261              | 104                  | 0.398  |
| L-Valine                                   | 117              | 94                   | 0.803  |
| <b>Vitamins</b>                            |                  |                      |        |
| Choline chloride                           | 140              | 4                    | 0.028  |
| D-Calcium pantothenate                     | 477              | 4                    | 0.008  |
| Folic Acid                                 | 441              | 4                    | 0.009  |
| Niacinamide                                | 122              | 4                    | 0.032  |
| Pyridoxine hydrochloride                   | 204              | 4                    | 0.019  |
| Riboflavin                                 | 376              | 0.4                  | 0.001  |
| Thiamine hydrochloride                     | 337              | 4                    | 0.011  |
| i-Inositol                                 | 180              | 7.2                  | 0.04   |
| <b>Inorganic Salts</b>                     |                  |                      |        |

|                                                                                    |       |       |          |
|------------------------------------------------------------------------------------|-------|-------|----------|
| Calcium Chloride (CaCl <sub>2</sub> ) (anhyd.)                                     | 111   | 200   | 1.801    |
| Ferric Nitrate (Fe(NO <sub>3</sub> ) <sub>3</sub> ·9H <sub>2</sub> O)              | 404   | 0.1   | 2.48E-04 |
| Magnesium Sulfate (MgSO <sub>4</sub> ) (anhyd.)                                    | 120   | 97.67 | 0.813    |
| Potassium Chloride (KCl)                                                           | 75    | 400   | 5.333    |
| Sodium Chloride (NaCl)                                                             | 58    | 6400  | 110.344  |
| Sodium Phosphate monobasic<br>(NaH <sub>2</sub> PO <sub>4</sub> -H <sub>2</sub> O) | 138   | 125   | 0.905    |
| <b>Other Components</b>                                                            |       |       |          |
| D-Glucose (Dextrose)                                                               | 180   | 1000  | 5.555    |
| Phenol Red                                                                         | 376.4 | 15    | 0.039    |
| Sodium Bicarbonate (NaHCO <sub>3</sub> )                                           | 84    | 3700  | 44.047   |
| L-Glutamine                                                                        | 146   | 584   | 4        |
| Sodium Pyruvate                                                                    | 110   | 110   | 1        |



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