



DMEM 高糖液体培养基

货号: BL301A

规格: 500ml

保存温度: 2-8°C, 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                   | 0.078 |
| L-Tyrosine disodium salt dihydrate         | 261              | 104                  | 0.39  |
| 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                   | 206              | 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> )  | 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> )<br>(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   | 4500  | 25       |
| Phenol Red   | 376.4 | 15    | 0.039    |
| Sodium Bicarbonate<br>(NaHCO <sub>3</sub> )  | 84    | 3700  | 44.047   |
| L-Glutamine  | 146   | 584   | 4        |



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