



DMEM 高糖液体培养基

货号: BL304A

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 |
|--|------------------|----------------------|--------|
| Amino Acids | | | |
| Glycine | 75 | 30 | 0.4 |
| L-Arginine hydrochloride | 211 | 84 | 0.397 |
| L-Cystine 2HCl | 313 | 63 | 0.201 |
| L-Histidine hydrochloride-H ₂ O | 210 | 42 | 0.2 |
| L-Isoleucine | 131 | 105 | 0.803 |
| 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 dihydrate salt | 261 | 104 | 0.398 |
| L-Valine | 117 | 94 | 0.803 |
| Vitamins | | | |
| 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 | 0.0191 |
| Riboflavin | 376 | 0.4 | 0.001 |

| | | | |
|---|-------|-------|----------|
| Thiamine hydrochloride | 337 | 4 | 0.011 |
| i-Inositol | 180 | 7.2 | 0.04 |
| Inorganic Salts | | | |
| Calcium Chloride (CaCl ₂) (anhyd.) | 111 | 200 | 1.801 |
| Ferric Nitrate (Fe(NO ₃) ₃ ·9H ₂ O) | 404 | 0.1 | 2.48E-04 |
| Magnesium Sulfate (MgSO ₄) (anhyd.) | 120 | 97.67 | 0.813 |
| Potassium Chloride (KCl) | 75 | 400 | 5.333 |
| Sodium Chloride (NaCl) | 58 | 6400 | 110.344 |
| Sodium Phosphate monobasic (NaH ₂ PO ₄ ·H ₂ O) | 138 | 125 | 0.905 |
| Other Components | | | |
| D-Glucose (Dextrose) | 180 | 4500 | 25 |
| Phenol Red | 376.4 | 15 | 0.039 |
| HEPES | 238 | 5958 | 25.033 |
| Sodium Bicarbonate (NaHCO ₃) | 84 | 3700 | 44.047 |
| L-Glutamine | 146 | 584 | 4 |
| Sodium Pyruvate | 110 | 110 | 1 |



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