

# Leibovitz L-15 培养基

货号：BL313A

规格：500ml

保存条件：2~8℃，避光保存，有效期 1 年

| Components                                         | Molecular Weight | Concentration (mg/L) | mM      |
|----------------------------------------------------|------------------|----------------------|---------|
| <b>Amino Acids</b>                                 |                  |                      |         |
| Glycine                                            | 75.0             | 200.0                | 2.667   |
| L-Alanine                                          | 89.0             | 225.0                | 2.528   |
| L-Arginine                                         | 174.0            | 500.0                | 2.873   |
| L-Asparagine                                       | 132.0            | 250.0                | 1.893   |
| L-Cysteine                                         | 121.0            | 120.0                | 0.991   |
| L-Histidine                                        | 155.0            | 250.0                | 1.612   |
| L-Isoleucine                                       | 131.0            | 250.0                | 1.908   |
| L-Leucine                                          | 131.0            | 125.0                | 0.954   |
| L-Lysine                                           | 146.0            | 75.0                 | 0.513   |
| L-Methionine                                       | 149.0            | 75.0                 | 0.503   |
| L-Phenylalanine                                    | 165.0            | 125.0                | 0.757   |
| L-Serine                                           | 105.0            | 200.0                | 1.904   |
| L-Threonine                                        | 119.0            | 300.0                | 2.521   |
| L-Tryptophan                                       | 204.0            | 20.0                 | 0.098   |
| L-Tyrosine                                         | 181.0            | 300.0                | 1.657   |
| L-Valine                                           | 117.0            | 100.0                | 0.854   |
| <b>Vitamins</b>                                    |                  |                      |         |
| Choline chloride                                   | 140.0            | 1.0                  | 0.007   |
| D-Calcium pantothenate                             | 477.0            | 1.0                  | 0.002   |
| Folic Acid                                         | 441.0            | 1.0                  | 0.002   |
| Niacinamide                                        | 122.0            | 1.0                  | 0.008   |
| Pyridoxine hydrochloride                           | 206.0            | 1.0                  | 0.004   |
| Riboflavin 5'-phosphate Na                         | 478.0            | 0.1                  | 2.09E-4 |
| Thiamine monophosphate                             | 442.0            | 1.0                  | 0.002   |
| i-Inositol                                         | 180.0            | 2.0                  | 0.011   |
| <b>Inorganic Salts</b>                             |                  |                      |         |
| Calcium Chloride (CaCl <sub>2</sub> ) (anhydrous)  | 111.0            | 140.0                | 1.261   |
| Magnesium Chloride (anhydrous)                     | 95.0             | 93.7                 | 0.986   |
| Magnesium Sulfate (MgSO <sub>4</sub> ) (anhydrous) | 120.0            | 97.67                | 0.813   |
| Potassium Chloride (KCl)                           | 75.0             | 400.0                | 5.333   |

|                                                                        |       |        |         |
|------------------------------------------------------------------------|-------|--------|---------|
| Potassium Phosphate monobasic (KH <sub>2</sub> PO <sub>4</sub> )       | 136.0 | 60.0   | 0.441   |
| Sodium Chloride (NaCl)                                                 | 58.0  | 8000.0 | 137.931 |
| Sodium Phosphate dibasic (Na <sub>2</sub> HPO <sub>4</sub> ) anhydrous | 142.0 | 190.0  | 1.338   |
| <b>Other Components</b>                                                |       |        |         |
| D+ Galactose                                                           | 180.0 | 900.0  | 5.0     |
| Phenol Red                                                             | 376.4 | 10.0   | 0.026   |
| L-Glutamine                                                            | 146.0 | 300.0  | 2.054   |
| Sodium Pyruvate                                                        | 110.0 | 550.0  | 5.0     |



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