



Formulation for Leibovitz's L-15 Medium C0006-01

Inorganic Salts (g/L)

| | |
|--|---------|
| CaCl ₂ (anhydrous) | 0.14000 |
| MgCl ₂ ·6H ₂ O | 0.20000 |
| MgSO ₄ (anhydrous) | 0.09767 |
| KCl | 0.40000 |
| KH ₂ PO ₄ (anhydrous) | 0.06000 |
| NaCl | 8.00000 |
| Na ₂ HPO ₄ (anhydrous) | 0.19000 |

Amino Acids (g/L)

| | |
|----------------------------------|---------|
| L-Alanine | 0.22500 |
| L-Arginine (free base) | 0.50000 |
| L-Asparagine·H ₂ O | 0.25000 |
| L-Cysteine (free base) | 0.12000 |
| L-Glutamine | 0.30000 |
| Glycine | 0.20000 |
| L-Histidine (free base) | 0.25000 |
| L-Isoleucine | 0.25000 |
| L-Leucine | 0.12500 |
| L-Lysine·HCl | 0.07500 |
| L-Methionine | 0.07500 |
| L-Phenylalanine | 0.12500 |
| L-Serine | 0.20000 |
| L-Threonine | 0.30000 |
| L-Tryptophan | 0.02000 |
| L-Tyrosine·2Na·2H ₂ O | 0.30000 |
| L-Valine | 0.10000 |



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Vitamins (g/L)

| | |
|--------------------------|-----------------------|
| Choline Chloride | 0.00100 |
| Riboflavin-5-PO4·Na·2H2O | 0.00010 |
| Folic Acid | 0.00100 |
| myo-Inositol | 0.00200 |
| Nicotinamide | 0.00100 |
| D-Pantothenic Acid | 0.00100 (hemicalcium) |
| Pyridoxine·HCl | 0.00100 |
| Thiamine·PO4·Cl·2H2O | 0.00100 |

Others (g/L)

| | |
|-------------------------|---------|
| D-Galactose | 0.90000 |
| Phenol Red, Sodium Salt | 0.01000 |
| Sodium Pyruvate | 0.55000 |