

# HyClone classical media

## CELL CULTURE

### MEM Vitamins (100×)

| Component description  | Code number<br>SH30599 |          |
|------------------------|------------------------|----------|
|                        | mg/L                   | mmol/L   |
| Sodium chloride        | 8500                   | 145.4483 |
| Calcium D-pantothenate | 100                    | 0.2098   |
| Choline chloride       | 100                    | 0.7162   |
| Folic acid             | 100                    | 0.2266   |
| Myo-inositol           | 200                    | 1.1101   |
| Niacinamide            | 100                    | 0.8188   |
| Pyridoxine-HCl         | 100                    | 0.4863   |
| Riboflavin             | 10                     | 0.0266   |
| Thiamine-HCl           | 100                    | 0.2965   |

### MEM NEAA (100×)

| Component description         | Code number<br>SH30238 |        |
|-------------------------------|------------------------|--------|
|                               | mg/L                   | mmol/L |
| L-Alanine                     | 890                    | 9.9899 |
| L-Asparagine-H <sub>2</sub> O | 1500                   | 9.9913 |
| L-Aspartic acid               | 1330                   | 9.9925 |
| L-Glutamic acid               | 1470                   | 9.9912 |
| Glycine                       | 750                    | 9.9907 |
| L-Proline                     | 1150                   | 9.9887 |
| L-Serine                      | 1050                   | 9.9914 |

### MEM Amino Acids (50×)

| Component description            | Code number<br>SH30598 |         |
|----------------------------------|------------------------|---------|
|                                  | mg/L                   | mmol/L  |
| L-Arginine-HCl                   | 6320                   | 30.0009 |
| L-Cystine-2HCl                   | 1560                   | 4.9805  |
| L-Histidine-HCl-H <sub>2</sub> O | 2095                   | 10.1389 |
| L-Isoleucine                     | 2625                   | 20.0107 |
| L-Leucine                        | 2625                   | 20.0122 |
| L-Lysine-HCl                     | 3625                   | 19.8467 |
| L-Methionine                     | 750                    | 5.0265  |
| L-Phenylalanine                  | 1625                   | 9.8372  |
| L-Threonine                      | 2380                   | 19.9799 |
| L-Tryptophan                     | 500                    | 2.4482  |
| L-Tyrosine-2Na-2H <sub>2</sub> O | 2160                   | 8.2698  |
| L-Valine                         | 2340                   | 19.9744 |

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