



PurMa Biologics, LLC

## Advanced Basal Medium Eagle in Earl's Buffer (A-BME)

Containing PurMa™ GlutaSup (2 mM L-Alanyl-L-Glutamine) (434 mg/L)

Requires 2-5% FBS

Cat #: P3A310891

Standard Formulation

| Amino Acids  | g/liter        | Proteins                         | g/liter                |
|--|----------------|----------------------------------|------------------------|
| L-Arginine·HCl                                     | 0.021          | PurMa™ AlbuSup (Albumin)         | 0.4                    |
| L-Alanine  | 0.00222        | Human Transferrin (Holo)         | 0.0075                 |
| L-Asparagine                                       | 0.0033         | Insulin Recombinant Full Chain   | 0.010                  |
| L-Cystine·2HCl                                     | 0.016          | <b>Vitamins</b>                  | <b>g/liter</b>         |
| L-Aspartic acid                                    | 0.00332        | Choline Chloride                 | 0.001                  |
| Glycine  | 0.00937        | Folic Acid                       | 0.001                  |
| L-Alanyl-L-Glutamine                               | 0.434          | myo-Inositol                     | 0.002                  |
| L-Glutamic Acid                                    | 0.00367        | Nicotinamide                     | 0.001                  |
| L-Histidine  | 0.008          | D-Pantothenic Acid (hemicalcium) | 0.001                  |
| L-Isoleucine                                       | 0.026          | Pyridoxine·HCl                   | 0.001                  |
| L-Leucine  | 0.026          | Riboflavin                       | 0.0001                 |
| L-Lysine·HCl                                       | 0.03647        | Thiamine·HCl                     | 0.001                  |
| L-Methionine                                       | 0.0075         | Biotin                           | 0.001                  |
| L-Phenylalanine                                    | 0.0165         | Ascorbic Acid phosphate          | 0.0025                 |
| L-Serine   | 0.013          | <b>Others</b>                    | <b>g/liter</b>         |
| L-Proline  | 0.00287        | Phenol Red, Sodium Salt          | 0.010                  |
| L-Threonine  | 0.024          | Sodium Pyruvate                  | 0.11                   |
| L-Tryptophan                                       | 0.004          | D-Glucose                        | 1.000                  |
| L-Tyrosine·2Na·2H <sub>2</sub> O                   | 0.026          | Ethanolamine                     | 0.0019                 |
| L-Valine   | 0.0235         | <b>Reducing Agents</b>           | <b>g/liter</b>         |
| <b>Inorganic Salts</b>                             | <b>g/liter</b> | Glutathione, monosodium          | 0.001                  |
| CaCl <sub>2</sub> (anhydrous)                      | 0.2            | <b>Trace Elements</b>            | <b>g/liter</b>         |
| MgSO <sub>4</sub> (anhydrous)                      | 0.098          | Ammonium Metavanadate            | 3X 10 <sup>-7</sup>    |
| KCl  | 0.4            | Cupric Sulfate                   | 1.25X 10 <sup>-6</sup> |
| NaHCO <sub>3</sub>                                 | 2.2            | Manganous Chloride               | 5X 10 <sup>-8</sup>    |
| NaCl   | 6.8            | Sodium Selenite                  | 5X 10 <sup>-6</sup>    |
| NaH <sub>2</sub> PO <sub>4</sub> ·H <sub>2</sub> O | 0.14           |                                  |                        |
|  |                |                                  |                        |
|  |                |                                  |                        |

\* Chromatographically purified with IgG content <=0.1.0%.