



## Main sol. J647

|                                                                |         |    |
|----------------------------------------------------------------|---------|----|
| $\text{KH}_2\text{PO}_4$                                       | 0.50    | g  |
| $\text{CaCl}_2 \times 2 \text{ H}_2\text{O}$                   | 0.05    | g  |
| $\text{MgSO}_4 \times 7 \text{ H}_2\text{O}$                   | 1.00    | g  |
| $\text{NH}_4\text{Cl}$                                         | 0.64    | g  |
| $\text{NaCl}$                                                  | 0.50    | g  |
| Yeast extract                                                  | 0.40    | g  |
| Sodium pyruvate                                                | 3.00    | g  |
| <b>Micronutrient solution SL7</b>                              | 1.00    | ml |
| Ferric citrate (0.1%, w/v)                                     | 5.00    | ml |
| $\text{NaHCO}_3$ (10%, w/v)                                    | 10.00   | ml |
| Vitamin $\text{B}_{12}$ (2 mg/ml)                              | 1.00    | ml |
| $\text{Na}_2\text{S} \times 9 \text{ H}_2\text{O}$             | 1.00    | mM |
| $\text{Na}_2\text{S}_2\text{O}_3 \times 5 \text{ H}_2\text{O}$ | 6.00    | mM |
| Distilled water                                                | 1000.00 | ml |

1. Adjust pH to 7.0.
2. After autoclaving, add filter-sterilized vitamin  $\text{B}_{12}$ ,  $\text{NaHCO}_3$ ,  $\text{Na}_2\text{S} \times 9\text{H}_2\text{O}$  and  $\text{Na}_2\text{S}_2\text{O}_3 \times 5\text{H}_2\text{O}$  solutions to the medium.