

## 13: BB

Final volume: 1000 ml

### **Mail sol. C<sub>13</sub>**

|                                                                    |         |    |
|--------------------------------------------------------------------|---------|----|
| NaNO <sub>3</sub> (10 g/400 ml stock solution)                     | 10.00   | ml |
| MgSO <sub>4</sub> x 7 H <sub>2</sub> O (3 g/400 ml stock solution) | 10.00   | ml |
| NaCl (1 g/400 ml stock solution)                                   | 10.00   | ml |
| K <sub>2</sub> HPO <sub>4</sub> (3 g/400 ml stock solution)        | 10.00   | ml |
| KH <sub>2</sub> PO <sub>4</sub> (7 g/400 ml stock solution)        | 10.00   | ml |
| CaCl <sub>2</sub> x 2 H <sub>2</sub> O (1 g/400 ml stock solution) | 10.00   | ml |
| <b>Trace elements solution (autoclave to dissolve)</b>             | 1.00    | ml |
| H <sub>3</sub> BO <sub>3</sub> (11.42)                             | 1.00    | ml |
| <b>Stock solution 1</b>                                            | 1.00    | ml |
| <b>Stock solution 2</b>                                            | 1.00    | ml |
| Distilled water                                                    | 1000.00 | ml |

Make up to 1 litre with glass distilled or deionised water.

### **Trace elements solution**

|                                                        |      |   |
|--------------------------------------------------------|------|---|
| ZnSO <sub>4</sub> x 7 H <sub>2</sub> O                 | 8.82 | g |
| MnCl <sub>2</sub> x 4 H <sub>2</sub> O                 | 1.44 | g |
| MoO <sub>3</sub>                                       | 0.71 | g |
| CuSO <sub>4</sub> x 5 H <sub>2</sub> O                 | 1.57 | g |
| Co(NO <sub>3</sub> ) <sub>2</sub> x 6 H <sub>2</sub> O | 0.49 | g |

### **Stock solution 1**

|      |       |   |
|------|-------|---|
| EDTA | 50.00 | g |
| KOH  | 31.00 | g |

### **Stock solution 2**

|                                               |      |    |
|-----------------------------------------------|------|----|
| FeSO <sub>4</sub> x 7 H <sub>2</sub> O        | 4.98 | g  |
| H <sub>2</sub> SO <sub>4</sub> (concentrated) | 1.00 | ml |