



## Trace element solution

|                                                        |         |    |
|--------------------------------------------------------|---------|----|
| Nitrilotriacetic acid                                  | 12.80   | g  |
| $\text{FeCl}_2 \times 4 \text{ H}_2\text{O}$           | 1.00    | g  |
| $\text{MnCl}_2 \times 4 \text{ H}_2\text{O}$           | 0.50    | g  |
| $\text{CoCl}_2 \times 4 \text{ H}_2\text{O}$           | 0.30    | g  |
| $\text{CuCl}_2 \times 2 \text{ H}_2\text{O}$           | 50.00   | mg |
| $\text{Na}_2\text{MoO}_4 \times 2 \text{ H}_2\text{O}$ | 50.00   | mg |
| $\text{H}_3\text{BO}_3$                                | 20.00   | mg |
| $\text{NiCl}_2 \times 6 \text{ H}_2\text{O}$           | 20.00   | mg |
| Distilled water                                        | 1000.00 | ml |

Dissolve the nitrilotriacetic acid, adjust the pH to 7.0 with KOH (about 8 - 9 g). Dissolve other salts separately, combine and adjust the pH to 6.8 with NaOH or  $\text{H}_2\text{SO}_4$ .