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| **Media composition** | **Final concentration (g/L)** |
| **AMS** |
| KH2PO4 | 0.2 |
| MgSO4 × 7 H2O | 1 |
| CaCl2 × 2 H2O | 0.2 |
| NH4Cl | 0.5 |
| **NMS** |
| KH2PO4 | 0.2 |
| MgSO4 × 7 H2O | 1 |
| CaCl2 × 2 H2O | 0.2 |
| KNO3 | 1 |
| **MS** |
| KH2PO4 | 0.2 |
| MgSO4 × 7 H2O | 1 |
| CaCl2 × 2 H2O | 0.2 |
| **Trace element Solution 1** |
| Trisodium Nitrilotriacetate (NTA) | 5 |
| FeSO4 | 5 |
| **Trace element Solution 2** |
| Trisodium Nitrilotriacetate (NTA) | 4.5 |
| ZnSO4 × 7 H2O | 0.129 |
| CoCl2 × 6 H2O | 0.072 |
| MnCl2 × 4 H2O | 0.297 |
| CuSO4 × 5 H2O | 0.075 |
| NaMoO4 × 2 H2O | 0.066 |
| NiCl2 × 6 H2O | 0.057 |
| NaSeO4 × 10 H2O | 0.063 |
| H3BO4 | 0.042 |
| CeCl × 6 H2O | 0.072 |