

463. NITRILOTRIACETATE MEDIUM

| | | |
|---|---------|----|
| Na ₂ HPO ₄ x 2 H ₂ O | 0.41 | g |
| KH ₂ PO ₄ | 0.26 | g |
| MgSO ₄ x 7 H ₂ O | 1.00 | g |
| CaCl ₂ x 2 H ₂ O | 0.20 | g |
| Trace element solution | 1.00 | ml |
| Vitamin solution | 1.00 | ml |
| Nitrilotriacetate | 1.00 | g |
| Distilled water | 1000.00 | ml |

pH 6.5

Trace element solution:

| | | |
|---|---------|----|
| FeCl ₂ x 4 H ₂ O | 1.50 | g |
| ZnCl ₂ | 68.00 | mg |
| MnCl ₂ x 4 H ₂ O | 100.00 | mg |
| H ₃ BO ₃ | 62.00 | mg |
| CoCl ₂ x 6 H ₂ O | 120.00 | mg |
| CuCl ₂ x 2 H ₂ O | 17.00 | mg |
| NiCl ₂ x 6 H ₂ O | 24.00 | mg |
| Na ₂ MoO ₄ x 2 H ₂ O | 24.00 | mg |
| HCl, 0.05 molar | 1000.00 | ml |

Vitamin solution:

| | | |
|-----------------------------------|---------|----|
| Vitamin B ₁₂ | 50.00 | mg |
| Pantothenic acid | 50.00 | mg |
| Riboflavin | 50.00 | mg |
| Pyridoxamine-HCl | 10.00 | mg |
| Biotin | 20.00 | mg |
| Folic acid | 20.00 | mg |
| Nicotinic acid | 25.00 | mg |
| Nicotine amide | 25.00 | mg |
| α-lipoic acid | 50.00 | mg |
| p-aminobenzoic acid | 50.00 | mg |
| Thiamine-HCl x 2 H ₂ O | 50.00 | mg |
| Distilled water | 1000.00 | ml |

Stir for some hours, filter sterilize the solution.