# 389: ANNWOODIA MEDIUM

| | | |
|---|---|---|
| **Solution A** | 100.00 | ml |
| **Solution B** | 870.00 | ml |
| **Solution C** | 10.00 | ml |
| **Solution D** | 20.00 | ml |

Autoclave solutions A, B and C and filter sterilize solution D. To complete the medium combine sterile solutions when cool.

## Solution A

| | | |
|---|---|---|
| $Na_2HPO_4$ x 2 $H_2O$ | 7.90 | g |
| $KH_2PO_4$ | 1.50 | g |
| Distilled water | 100.00 | ml |

Adjust to pH 7.6.

## Solution B

| | | |
|---|---|---|
| $NH_4Cl$ | 0.40 | g |
| $MgSO_4$ x 7 $H_2O$ | 0.10 | g |
| Agar, for solid medium | 15.00 | g |
| Distilled water | 870.00 | ml |

## Solution C

| | | |
|---|---|---|
| **Trace element solution** | 10.00 | ml |

## Solution D

| | | |
|---|---|---|
| $Na_2S_2O_3$ x 5 $H_2O$ | 5.00 | g |
| Distilled water | 20.00 | ml |

## Trace element solution (from medium 333)

| | | |
|---|---|---|
| $Na_2$-EDTA | 50.00 | g |
| $ZnSO_4$ x 7 $H_2O$ | 11.00 | g |
| $CaCl_2$ x 2 $H_2O$ | 7.34 | g |
| $MnCl_2$ x 4 $H_2O$ | 2.50 | g |
| $CoCl_2$ x 6 $H_2O$ | 0.50 | g |
| $(NH_4)_6Mo_7O_{24}$ x 4 $H_2O$ | 0.50 | g |
| $FeSO_4$ x 7 $H_2O$ | 5.00 | g |
| $CuSO_4$ x 5 $H_2O$ | 0.20 | g |

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| | | |
|---|---|---|
| NaOH | 11.00 | g |
| Distilled water | 1000.00 | ml |

Dissolve EDTA in distilled water and adjust pH to 7.0 using 2 N NaOH; then add other compounds. Adjust pH of final solution to 6.0 with NaOH.

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