

Main sol. 806

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|---|--------|----|
| KCl | 0.33 | g |
| MgCl ₂ x 2 H ₂ O | 2.70 | g |
| MgSO ₄ x 7 H ₂ O | 3.40 | g |
| NH ₄ Cl | 0.25 | g |
| CaCl ₂ x 2 H ₂ O | 0.14 | g |
| K ₂ HPO ₄ | 0.14 | g |
| Na ₂ SeO ₃ | 1.00 | µg |
| NiCl ₂ x 6 H ₂ O | 1.00 | µg |
| NaHCO ₃ | 1.00 | g |
| NaCl | 18.00 | g |
| Resazurin | 1.00 | mg |
| L-Cysteine HCl x H ₂ O | 0.50 | g |
| Na ₂ S x 9 H ₂ O | 0.50 | g |
| Yeast extract | 1.00 | g |
| Trypticase | 1.00 | g |
| Sulphur | 5.00 | g |
| Modified Wolin's mineral solution II | 10.00 | ml |
| Wolin's vitamin solution | 10.00 | ml |
| Distilled water | 980.00 | ml |

Prepare the medium without NaHCO₃, cysteine hydrochloride, Na₂S x 9 H₂O, and vitamin solution. Boil the medium and cool under N₂. Add the NaHCO₃ to the cooled medium and adjust the pH to about pH 7.2. Sterilise the medium at 100°C for 3 hours on 3 consecutive days. Reduce the medium by adding 10% neutralised sodium sulphide and cysteine hydrochloride from sterile stock solutions. The vitamins are added from a sterile (filter sterilised) stock solution prepared under nitrogen. The final pH is 7.2.