

### 36. THI OBACILLUS THI OPARUS MEDIUM

|  |         |    |
|--|---------|----|
| $(\text{NH}_4)_2\text{SO}_4$                                   | 0.10    | g  |
| $\text{K}_2\text{HPO}_4$                                       | 4.00    | g  |
| $\text{KH}_2\text{PO}_4$                                       | 4.00    | g  |
| $\text{MgSO}_4 \times 7 \text{ H}_2\text{O}$                   | 0.10    | g  |
| $\text{CaCl}_2$  | 0.10    | g  |
| $\text{FeCl}_3 \times 6 \text{ H}_2\text{O}$                   | 0.02    | g  |
| $\text{MnSO}_4 \times \text{H}_2\text{O}$                      | 0.02    | g  |
| $\text{Na}_2\text{S}_2\text{O}_3 \times 5 \text{ H}_2\text{O}$ | 10.00   | g  |
| Distilled water  | 1000.00 | ml |

Dissolve all the ingredients in distilled water and adjust the pH to 6.6. Sterilize by autoclaving at 115°C for 20 min. For solid medium add 12.0 g/l purified agar after adjustment of pH.

For DSM 18181:

Adjust pH of medium to 7.5 and add 1 g/l yeast extract. For solid medium add 20.0 g/l purified agar.