

**588. HALOBACTEROIDES HALOBIUS MEDIUM**

|  |           |    |
|--|-----------|----|
| NaCl                                   | 87.8000   | g  |
| MgCl <sub>2</sub> x 6 H <sub>2</sub> O | 20.3000   | g  |
| CaCl <sub>2</sub> x 2 H <sub>2</sub> O | 7.3500    | g  |
| KCl                                    | 3.7000    | g  |
| Yeast extract                          | 5.0000    | g  |
| Cysteine-HCl x H <sub>2</sub> O        | 0.5000    | g  |
| Resazurin                              | 0.0001    | g  |
| Glucose                                | 5.0000    | g  |
| PIPES                                  | 12.0960   | g  |
| Distilled water                        | 1000.0000 | ml |

pH 6.5

Prepare salts (in 850 ml distilled water, do not adjust the pH), glucose (50 ml of a 10% solution), and PIPES (100 ml of 400 mM solution, 12.096 g/100 ml), separately under nitrogen using normal anaerobic techniques. Add glucose and PIPES using anaerobic techniques.