

### 13. BACILLUS ACIDOCALDARIUS MEDIUM

**Solution A:**

|   |        |    |
|---|--------|----|
| Yeast extract                                   | 1.00   | g  |
| (NH <sub>4</sub> ) <sub>2</sub> SO <sub>4</sub> | 0.20   | g  |
| MgSO <sub>4</sub> x 7 H <sub>2</sub> O          | 0.50   | g  |
| CaCl <sub>2</sub> x 2 H <sub>2</sub> O          | 0.25   | g  |
| KH <sub>2</sub> PO <sub>4</sub>                 | 0.60   | g  |
| Distilled water                                 | 500.00 | ml |
| Adjust pH to 3.0 - 4.0.                         |        |    |

**Solution B:**

|                 |        |    |
|-----------------|--------|----|
| Glucose         | 1.00   | g  |
| Agar            | 20.00  | g  |
| Distilled water | 500.00 | ml |

Sterilize solution A and B separately at 121°C for 15 min. Cool to 50°C and then combine.