

**709. ACIDIMICROBIUM MEDIUM**

MgSO <sub>4</sub> x 7 H <sub>2</sub> O	0.5	g
(NH <sub>4</sub> ) <sub>2</sub> SO <sub>4</sub>	0.4	g
K <sub>2</sub> HPO <sub>4</sub>	0.2	g
KCl	0.1	g
Distilled water	1000.0	ml

Adjust pH to 2.0 with H<sub>2</sub>SO<sub>4</sub>.

**Heterotrophic growth on yeast extract:**

To the medium add 10.0 mg/l of FeSO<sub>4</sub> x 7 H<sub>2</sub>O. After autoclaving add yeast extract from sterile stock solution to final concentration of 0.25 g/l.

**Autotrophic growth on ferrous sulfate:**

To the medium add 13.9 g/l of FeSO<sub>4</sub> x 7 H<sub>2</sub>O and adjust medium pH to 1.7 with H<sub>2</sub>SO<sub>4</sub> prior to autoclaving.