

**1201. ALICYCLOBACILLUS FERROXYDANS MEDIUM****Solution A:**

MgSO <sub>4</sub> x 7 H <sub>2</sub> O	0.50	g
(NH <sub>4</sub> ) <sub>2</sub> SO <sub>4</sub>	0.40	g
K <sub>2</sub> HPO <sub>4</sub>	0.20	g
K <sub>2</sub> S <sub>4</sub> O <sub>6</sub>	0.15	g
KCl	0.10	g
MnSO <sub>4</sub> x H <sub>2</sub> O	0.01	g
Yeast extract	0.20	g
Distilled water	930.00	ml

Adjust pH to 1.8 – 2.5 with H<sub>2</sub>SO<sub>4</sub>.

**Solution B:**

FeSO <sub>4</sub> x 7 H <sub>2</sub> O	20.00	g
--	-------	---

Dissolve in 0.2 N H<sub>2</sub>SO<sub>4</sub> and fill up to a volume of 100 ml. Filter sterilize.

Autoclave solution A, cool down to 50°C and combine solution A with 70 ml of solution B.