

**1421. NATRONORUBRUM THIOOXIDANS MEDIUM****Mineral Salts Solution:**

NaCl	240.0	g
K <sub>2</sub> HPO <sub>4</sub>	3.5	g
(NH <sub>4</sub> ) <sub>2</sub> SO <sub>4</sub>	0.5	g
Trace Element Solution (see below)	1.0	ml
Distilled Water	1000.0	ml

**Trace Element Solution (Pfennig & Lippert):**

EDTA (Trilon B)	5.00	g
FeSO <sub>4</sub> x 7H <sub>2</sub> O	2.00	g
ZnSO <sub>4</sub>	0.10	g
MnCl <sub>2</sub>	0.03	g
H <sub>3</sub> BO <sub>3</sub>	0.30	g
CoCl <sub>2</sub> 6 H <sub>2</sub> O	0.20	g
CuCl <sub>2</sub>	0.01	g
NiCl <sub>2</sub> x 2H <sub>2</sub> O	0.02	g
Na <sub>2</sub> MoO <sub>4</sub> x 2H <sub>2</sub> O	0.02	g
Distilled Water	1000.00	ml

Prepare the liquid medium. Adjust to pH 7.5. Before inoculation add from sterile stock solutions:

Na-acetate (20 mM)	16.0	ml/l
MgSO <sub>4</sub> (2mM)	6.0	ml/l
Yeast Extract	1.0	g/l