

1774: THIOTHRIX MEDIUM II

(NH ₄) ₂ SO ₄	0.300	g
Ammonium acetate	0.200	g
KH ₂ PO ₄	0.100	g
MgSO ₄ x 7 H ₂ O	0.100	g
CaCl ₂ x 2 H ₂ O	0.050	g
NaHCO ₃	0.125	g
<i>Trace elements solution (Pfennig & Lippert, 1966)</i>	10.000	ml
Agar	15.000	g
Distilled water (ad)	1000.000	ml

Adjust pH to 7.4-7.5 before autoclaving.

After autoclaving, add:

<i>Vitamin B₁₂ solution</i>	4.000	ml
<i>Na₂S x 9 H₂O solution</i>	25.000	ml

Vitamin B12 solution

Vitamin B ₁₂	5	mg
Distilled water	1000	ml

Na₂S x 9 H₂O solution

Na ₂ S x 9 H ₂ O	3	%(w/v)
Distilled water	1000	ml

Adjust pH to 7.0.

For DSM 21228: For growth of DSM 21228 use agar medium (e.g., agar slants) overlaid with some autoclaved tap water.