

35a: THIOMONAS MEDIUM

Soution A	900.00	ml
Solution B	100.00	ml
Solution C	20.00	ml
Solution D	10.00	ml

Solutions A, B and D are sterilized separately by autoclaving. Solution C is sterilized by filtration. After autoclaving the solutions A and B are combined and then supplemented with the sterile solutions C and D. Best growth is observed in the syneresis water of slant agar tubes.

For DSM 19671: Adjust pH of medium to 7.0.

For DSM 22701: Change amount of yeast extract to 0.5 g/l and of Na-thiosulfate to 2.5 g/l.

Soution A

NH ₄ Cl	0.10	g
KH ₂ PO ₄	3.00	g
Agar, for solid medium (optional)	20.00	g
Distilled water	900.00	ml

Adjust pH to 6.0 with NaOH.

Solution B

MgCl ₂ x 6 H ₂ O	0.10	g
CaCl ₂ x 2 H ₂ O	0.14	g
Distilled water	100.00	ml

Solution C

Na ₂ S ₂ O ₃ x 5 H ₂ O	5.00	g
Distilled water	20.00	ml

Solution D

Yeast extract	1.00	g
Distilled water	10.00	ml