

35a. THIOMONAS MEDIUM

NH ₄ Cl	0.1	g
KH ₂ PO ₄	3.0	g
MgCl ₂ x 6 H ₂ O	0.1	g
CaCl ₂	0.1	g
Na ₂ S ₂ O ₃ x 5 H ₂ O	5.0	g
Yeast extract	1.0	g
Agar (for solid medium)	20.0	g
Distilled water	1000.0	ml

Dissolve ingredients except thiosulfate. Adjust pH to 5.5-6.0 and autoclave. Add thiosulfate after autoclaving from a sterile stock solution sterilized by filtration. 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.