

1155. SME MEDIUM

NaCl	27.70	g
MgSO ₄ x 7 H ₂ O	7.00	g
MgCl ₂ x 6 H ₂ O	5.50	g
KH ₂ PO ₄	1.00	g
CaCl ₂ x 2 H ₂ O	0.75	g
KCl	0.66	g
(NH ₄) ₂ SO ₄	0.50	g
NaBr	0.10	g
H ₃ BO ₃	30.00	mg
SrCl ₂ x 6 H ₂ O	15.00	mg
KJ (1 mg/ml)	50	µl
H ₂ O bidest ad	1000.00	ml
Elemental sulfur	10.00	g

Reduction of the medium by addition of 20 ml Na₂S (2.5%); then adjust pH to 5.5 with sulfuric acid.

Gas phase: H₂/CO₂=80/20 (250 kPa).

After autoclaving add 0.04% yeast extract.

Incubation at 90°C for 1-2 days.