60: MOORELLA MEDIUM

Solution A	843.00	ml
Solution B	50.00	ml
Solution C	50.00	ml
Solution D	40.00	ml
Solution E	10.00	ml
Solution F	10.00	ml

Sparge solution A with 100% CO_2 gas for 30 - 45 min to make it anoxic, then distribute under same gas atmosphere into anoxic Hungate-type tubes or serum vials and autoclave. Autoclave separately solutions B, C, E and F under 100% N_2 gas, and solution D under 80% N_2 and 20% CO_2 gas atmosphere. To complete the medium appropriate amounts of solutions B to F are added to the sterile solution A in the sequence as indicated. Adjust pH of the complete medium to 6.9, if necessary.

Solution A

$MgSO_4$ x 7 H_2O	0.10	g
$(NH_4)_2SO_4$	0.50	g
$Fe(NH_4)_2(SO_4)_2$	0.04	g
Na_2MoO_4 x 2 H_2O (0.1% w/v)	2.40	ml
Na_2SeO_3 x 5 H_2O (0.1% w/v)	0.15	ml
Tryptone	5.00	g
Yeast extract	5.00	g
Sodium resazurin (0.1% w/v)	0.50	ml
Distilled water	840.00	ml

Solution B

K_2HPO_4	7.00	g
KH_2PO_4	4.50	g
Distilled water	50.00	ml

Solution C

Glucose	18.00	g
Distilled water	50.00	ml

Solution D

Na_2CO_3	2.00	g
Distilled water	40.00	ml

Solution E

L-Cysteine HCl x H_2O	0.30	g
Distilled water	10.00	ml

Solution F

Na_2S x 9 H_2O	0.30	g
Distilled water	10.00	ml