1202. DESULFOVIBRIO MARRAKECHENSIS MEDIUM

K_2HPO_4	0.50	g
KH_2PO_4	0.50	g
NH_4Cl	0.50	g
NaCl	0.40	g
KCl	0.10	g
Na_2SO_4	2.80	g
$CaCl_2$ x 2 H_2O	0.05	g
$MgCl_2$ x 6 H_2O	0.30	g
Yeast extract	0.10	g
Na-lactate	1.20	g
Trace element solution SL-10 (see medium 320)	1.00	ml
Selenite-tungstate solution (see medium 385)	1.00	ml
Na-resazurin solution (0.1% w/v)	0.50	ml
Na_2CO_3	1.50	g
Vitamin solution (see medium 141)	10.00	ml
L-Cysteine-HCl x H_2O	0.25	g
Na_2S x 9 H_2O	0.25	g
Distilled water	1000.00	ml

Dissolve ingredients (except carbonate, vitamins, cysteine and sulfide) and sparge medium with 80% N_2 and 20% CO_2 gas mixture for 30 - 45 min to make it anoxic. Dispense medium under same gas atmosphere into anoxic Hungate-type tubes or serum vials and autoclave. Add vitamins, cysteine and sulfide from sterile anoxic stock solutions prepared under 100% N_2 gas and carbonate from a sterile anoxic stock solution prepared under 80% N_2 and 20% CO_2 gas mixture. Sterilize vitamins by filtration. Adjust pH of the complete medium to 7.0, if necessary.