836: DESULFITOBACTERIUM PCP-1 MEDIUM

KH_2PO_4	0.27	g
K_2HPO_4	0.35	g
NH_4Cl	0.53	g
$MgCl_2$ x 6 H_2O	0.10	g
$FeCl_2$ x 4 H_2O (0.1% w/v in 0.2 N HCl)	2.00	ml
$CaCl_2$ x 2 H_2O	0.07	g
Trace element solution SL-10	1.00	ml
Yeast extract	1.00	g
Na-pyruvate	6.05	g
Sodium resazurin (0.1% w/v)	0.50	ml
Na_2CO_3	0.50	g
Na_2SO_3	0.63	g
Na_2S x 9 H_2O	0.05	g
Distilled water	1000.00	ml

Dissolve ingredients (except carbonate, sulfite and sulfide), adjust pH of solution to 7.0 and sparge with 100% N_2 gas for 30 - 45 min to make it anoxic. Dispense under same gas atmosphere into anoxic Hungate-type tubes or serum vials and autoclave. Prior to use add sulfite 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 atmosphere. The stock solution of sulfite should by freshly prepared and sterilized by filtration. Prior to use check pH of complete medium and adjust to 7.5, if necessary.

For DSM 13498: Supplement medium with 3.00 g/l Na-formate.

Trace element solution SL-10 (from medium 320)

HCl (25%)	10.00	ml
$FeCl_2$ x 4 H_2O	1.50	g
$ZnCl_2$	70.00	mg
$MnCl_2$ x 4 H_2O	100.00	mg
H_3BO_3	6.00	mg
$CoCl_2$ x 6 H_2O	190.00	mg
$CuCl_2$ x 2 H_2O	2.00	mg
$NiCl_2$ x 6 H_2O	24.00	mg
Na_2MoO_4 x 2 H_2O	36.00	mg
Distilled water	990.00	ml

First dissolve $FeCl_2$ in the HCl, then dilute in water, add and dissolve the other salts. Finally make up to 1000.00 ml.

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