



865: DESULFOSPOROSINUS BSREI1 MEDIUM

Final volume: 1009 ml

(NH ₄) ₂ SO ₄	0.450	g
KH ₂ PO ₄	0.050	g
MgSO ₄ x 7 H ₂ O	0.500	g
KCl	0.050	g
Ca(NO ₃) ₂ x 4 H ₂ O	0.014	g
Na ₂ SO ₄	3.000	g
Trace element solution	1.000	ml
Yeast extract	0.500	g
L-Cysteine HCl x H ₂ O	0.500	g
Resazurin	1.000	mg
Distilled water	910.000	ml

Mix components thoroughly, distribute the medium into culture vessels under a N₂-CO₂ (4:1, v/v) gas mixture, seal with butyl rubber stoppers and autoclave. After cooling, add the following solutions (per 910 ml medium) from anaerobic stocks (autoclaved or *filter-sterilized):

NaHCO ₃ (*, 5%)	60.000	ml
Fructose (1 M)	20.000	ml
Trace vitamins (see Medium No. 197) (*)	10.000	ml
Na ₂ S x 9 H ₂ O (5%)	8.000	ml

Trace element solution

HCl (25%)	12.50	ml
FeSO ₄ x 7 H ₂ O	2.10	g
H ₃ BO ₃	30.00	mg
MnCl ₂ x 4 H ₂ O	100.00	mg
CoCl ₂ x 6 H ₂ O	190.00	mg
NiCl ₂ x 6 H ₂ O	24.00	mg
CuCl ₂ x 2 H ₂ O	2.00	mg
ZnSO ₄ x 7 H ₂ O	144.00	mg
Na ₂ MoO ₄ x 2 H ₂ O	36.00	mg
Distilled water	987.00	ml