

745. RHODOBIUM MEDIUM

KH ₂ PO ₄	1.00	g
(NH ₄) ₂ SO ₄	1.00	g
NaCl	50.20	g
MgCl ₂ x 6 H ₂ O	0.20	g
CaCl ₂ x 2 H ₂ O	0.05	g
Trace element solution SL-8	1.00	ml
Na-DL-malate	3.60	g
Yeast extract	1.00	g
Na ₂ S ₂ O ₃ x 5 H ₂ O	0.50	g
Distilled water	1000.00	ml

Trace element solution SL-8:

Na ₂ -EDTA	5.20	g
FeCl ₂ x 4 H ₂ O	1.50	g
ZnCl ₂	70.00	mg
MnCl ₂ x 4 H ₂ O	100.00	mg
H ₃ BO ₃	62.00	mg
CoCl ₂ x 6 H ₂ O	190.00	mg
CuCl ₂ x 2 H ₂ O	17.00	mg
NiCl ₂ x 6 H ₂ O	24.00	mg
Na ₂ MoSO ₄ x 2 H ₂ O	36.00	mg
Distilled water	1000.00	ml

pH 6.8

Boil the medium under a stream of nitrogen gas for few minutes and distribute in screw-capped bottles or tubes. Autoclave at 121°C for 15 minutes.