



Main sol. 778a

Na ₂ -9,10-anthraquinone-2,6-disulfonate (TCI A0308)	8.25	g
KH ₂ PO ₄	0.33	g
NH ₄ Cl	0.33	g
KCl	0.33	g
MgCl ₂ x 6 H ₂ O	0.33	g
Trace element solution SL-10	1.00	ml
Selenite-tungstate solution	1.00	ml
NiCl ₂ x 6 H ₂ O (0.1% w/v)	0.20	ml
Yeast extract	1.00	g
NaHCO ₃	2.50	g
CaCl ₂ x 2 H ₂ O	0.33	g
Wolin's vitamin solution (10x)	1.00	ml
Distilled water	1000.00	ml

Dissolve ingredients (except bicarbonate, calcium chloride and vitamins), boil medium for some minutes to dissolve the anthraquinone, then cool under 80% H₂ and 20% CO₂ gas atmosphere to room temperature. Add solid bicarbonate and adjust pH to 7.2, dispense medium under same gas atmosphere into anoxic Hungate-type tubes or serum vials and autoclave. Add calcium chloride and vitamins from sterile anoxic stock solutions prepared under 100% N₂ gas atmosphere. Vitamins are sterilized by filtration. Adjust pH of complete medium to 7.2, if necessary.