

ATCC Medium: 1909 Hutner's Low pH Euglena Medium

KH ₂ PO ₄	0.8 g
MgSO ₄ x 7H ₂ O.....	1.0 g
CaCO ₃	0.4 g
L-Glutamic acid.....	10.0g
L-Malic Acid.....	2.0 g
Metals 47 Trace Elements (see below).....	0.1 g
FeCl ₃ x 6H ₂ O.....	1.0 mg
Thiamine.....	0.2 mg
Vitamin B ₁₂	0.04 ug
(NH ₄) ₂ HPO ₄	0.4 g
DI Water.....	1000.0 ml

Metals 47 Trace Elements:

Zn(SO ₄) x 7H ₂ O.....	52.8 g
MnSO ₄ x H ₂ O.....	24.8 g
Fe(NH ₄) ₂ (SO ₄) ₂ x 6H ₂ O.....	28.0 g
CoSO ₄ x 7H ₂ O.....	4.8 g
CuSO ₄ x 5H ₂ O.....	0.80 g
(NH ₄) ₆ Mo ₇ O ₂₄ x 4H ₂ O.....	0.36 g
Na ₃ VO ₄ x 16H ₂ O.....	0.37 g
H ₃ BO ₃	1.14 g

Grind salts using a mortar and pestle and store in the cold.

Double Strength Agar:

Agar.....	80.0 g
DI Water.....	1000.0 ml

Autoclave at 121C.