

ATCC medium: 2019 *Rhodobium* medium

NH ₄ CL	1.0
KH ₂ PO ₄	1.0 g
MgCl ₂ . 6H ₂ O	0.5 g
CaCl ₂ . 2H ₂ O	0.5 g
NaCl	50.0 g
SLA Trace Elements (see below)	1.0 ml
VA Vitamins (see below)	1.0 ml
Yeast extract	1.0 g
Sodium thiosulfate	0.32 g
L-Malic acid	1.3 g
NaHCO ₃	3.0 g
Distilled water	1.0 L

Add components through malic acid to distilled water. Adjust to pH 7.3 and add sodium bicarbonate. If necessary, adjust again to pH 7.3. Filter-sterilize medium.

SLA Trace Elements:

CoCl ₂ . 6H ₂ O	250.0 mg
NiCl ₂ . 6H ₂ O	10.0 mg
CuCl ₂ . 2H ₂ O	10.0 mg
MnCl ₂ . 4H ₂ O	70.0 mg
ZnCl ₂	100.0 mg
H ₃ BO ₃	500.0 mg
Na ₂ MoO ₄ . 2H ₂ O	30.0 mg
Na ₂ SeO ₄ . 5H ₂ O	10.0 mg
FeCl ₂ . 4H ₂ O	1.8 g
Distilled water	1.0 L

Adjust Trace Element solution to pH 2-3.

VA Vitamins:

Biotin	50.0 mg
Nicotinamide	175.0 mg
Thiamine . HCl	150.0 mg
p-Aminobenzoic acid	100.0 mg
Pyridoxine . HCl	50.0 mg
Calcium D- (+)-pantothenate	50.0 mg
Cyanocobalamin	25.0 mg
Distilled water	500.0 ml