

ATCC medium: 617 Bg-11 for marine blue-green algae

ATCC Medium 616 (see below) with 1.0 mcg vitamin B12 and 10.0 g NaCl per liter of medium. Add sterile vitamin solution aseptically after sterilization. For solid medium, use 1% agar.

ATCC Medium 616:

NaNO ₃	1.5 g
K ₂ HPO ₄	0.04 g
MgSO ₄ . 7H ₂ O	0.075 g
CaCl ₂ . 2H ₂ O	0.036 g
Citric acid.....	6.0 mg
Ferric ammonium citrate.....	6.0 mg
EDTA.....	1.0 mg
Na ₂ CO ₃	0.02 g
Trace Metal Mix A5 (see below).....	1.0 ml
Agar (if needed).....	10.0 g
Distilled water.....	1.0 L

Adjust final pH to 7.1.

Trace Metal Mix A5:

H ₃ BO ₃	2.86 g
MnCl ₂ . 4H ₂ O	1.81 g
ZnSO ₄ . 7H ₂ O	0.222 g
Na ₂ MoO ₄ . 2H ₂ O.....	0.39 g
CuSO ₄ . 5H ₂ O	0.079 g
Co(NO ₃) ₂ . 6H ₂ O.....	49.4 mg
Distilled water.....	1.0 L