

ATCC Medium 616: **Medium BG-11 for Blue-green Algae**

Base Medium

NaNO ₃	1.5 g
K ₂ HPO ₄	0.04 g
MgSO ₄ x 7H ₂ O.....	0.075 g
CaCl ₂ x 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)	12.0 g
DI Water.....	1000.0 mL

Adjust final pH to **7.1**. Autoclave at 121°C.

Trace Metal Mix A5

H ₃ BO ₃	2.86 g
MnCl ₂ x 4H ₂ O.....	1.81 g
ZnSO ₄ x 7H ₂ O.....	0.222 g
Na ₂ MoO ₄ x 2H ₂ O.....	0.039 g
CuSO ₄ x 5H ₂ O.....	0.079 g
Co(NO ₃) ₂ x 6H ₂ O.....	49.4 mg
DI Water.....	1000.0 mL