

**ATCC Medium: 480 *Nitrobacter* Medium 203**

Solution A (see below).....	0.5 ml
Solution B (see below).....	0.5 ml
Solution C (see below).....	1.0 ml
Solution D (see below).....	0.5 ml
Solution E (see below).....	0.5 ml
Solution F (see below).....	2.0 drops
DI Water to.....	1000 ml

Autoclave at 121°C.

**Solution A**

CaCl <sub>2</sub> .....	2.0 g
DI Water.....	100.0 ml

**Solution B**

MgSO <sub>4</sub> · 7H <sub>2</sub> O.....	20.0 g
DI Water.....	100.0 ml

**Solution C**

EDTA.....	0.14 g
FeSO <sub>4</sub> · 7H <sub>2</sub> O.....	0.5 g
H <sub>2</sub> SO <sub>4</sub> (conc.).....	0.05 ml
DI Water.....	100.0 ml

**Solution D (trace metals)**

Na <sub>2</sub> MoO <sub>4</sub> · 2H <sub>2</sub> O.....	0.1 g
MnCl <sub>2</sub> · 4H <sub>2</sub> O.....	0.2 g
CoCl <sub>2</sub> · 6H <sub>2</sub> O.....	0.002 g
ZnSO <sub>4</sub> · 7H <sub>2</sub> O.....	0.1 g
CuSO <sub>4</sub> · 5H <sub>2</sub> O.....	0.02 g
DI Water.....	1000 ml

These ingredients should be dissolved separately and then added together to make 1000 ml.

**Solution E**

NaNO <sub>2</sub> .....	41.4 g
DI Water.....	100.0 ml

**Solution F**

K <sub>2</sub> HPO <sub>4</sub> .....	1.74 g
DI Water.....	100.0 ml