

ATCC Medium: 2877 Nitrosomonas stercoris Medium

HEPES.....	11.92 g
KH ₂ PO ₄	0.5 g
NaHCO ₃	0.5 g
MgSO ₄ ·7H ₂ O.....	0.1 g
(NH ₄) ₂ SO ₄	2.5 g
CaCl ₂ ·2H ₂ O.....	5 mg
EDTA-Fe(III).....	1 mg
Bromothymol blue solution (see below).....	5 ml
Trace Elements (see below).....	5 ml
DI Water.....	990 ml

Autoclave at 121C and adjust pH to 8.2±0.2. Dispense as required.

Bromothymol Blue Solution

Bromothymol blue.....	20 mg
Na ₂ HPO ₄	18.9 g
K ₂ PO ₄	9.8 mg
DI Water.....	20 ml

Trace Elements

NaMoO ₄ ·2H ₂ O.....	10 mg
MnCl ₂ ·4H ₂ O.....	20 mg
CoCl ₂ ·6H ₂ O.....	0.2 mg
CuSO ₄ ·5H ₂ O.....	2 mg
ZnSO ₄ ·7H ₂ O.....	10 mg
FeSO ₄ ·7H ₂ O.....	770 mg
EDTA·2Na.....	1.03 g
DI Water.....	1000 ml