

ATCC Medium: 2757 Amphibacillus Medium

KH ₂ PO ₄	0.2 g
MgCl ₂ .6H ₂ O.....	0.1 g
NH ₄ Cl.....	0.5 g
KCl.....	0.2 g
Na ₂ CO ₃	34 g
NaHCO ₃	19g
Trace Elements (See Below).....	1 ml
Wolfe's Vitamin Solution.....	10 ml
DI Water.....	.975 ml

Adjust pH to 8.0-8.5 and autoclave at 121°C.

Let medium cool and aseptically add the following filter sterilized solution:

Yeast Extract.....	5 g
Tryptone.....	5 g
Sucrose.....	5 g
DI Water.....	25 ml

*This solution is added separately after autoclaving to avoid maillard reaction.

Dispense into appropriate vessel.

Trace element solution SL-10

HCl (25%; 7.7 M).....	10.00 ml
FeCl ₂ x 4 H ₂ O.....	1.50 g
ZnCl ₂	70.00 mg
MnCl ₂ x 4 H ₂ O.....	100.00 mg
H ₃ BO ₃	6.00 mg
CoCl ₂ x 6 H ₂ O.....	190.00 mg
CuCl ₂ x 2 H ₂ O.....	2.00 mg
NiCl ₂ x 6 H ₂ O.....	24.00 mg
Na ₂ MoO ₄ x 2 H ₂ O.....	36.00 mg
DI Water.....	1000.00 ml

First dissolve FeCl₂ in the HCl, then dilute in water, add and dissolve the other salts.