

ATCC medium: 2100 *Bacillus haloalkaliphile* medium

Na ₂ CO ₃	10.6 g
NaHCO ₃	4.2 g
(NH ₄)SO ₄	0.1 g
MgSO ₄	0.025 g
NaCl	60.0 g
K ₂ HPO ₄	0.15 g
KH ₂ PO ₄	0.08 g
Na ₂ WO ₄	9.0 mcg
L-Cysteine . HCl	0.125 g
Na ₂ S . 9H ₂ O	0.125 g
Sodium lactate	1.68 g
NaNO ₃	1.28 g
Yeast extract	0.2 g
SL-10 Trace Elements Solution (see below)	5.0 ml

Adjust pH to 9.8 prior to autoclaving. Autoclave at 121C for 15 minutes. Dispense under N₂ into Hungate tubes.

SL-10 Trace Elements Solution:

HCl (25%)	10.0 ml
FeCl ₂ . 4H ₂ O	1.5 g
ZnCl ₂	70.0 mg
MnCl ₂ . 4H ₂ O	100.0 mg
H ₃ BO ₃	6.0 mg
CoCl ₂ . 6H ₂ O	190.0 mg
CuCl ₂ . 2H ₂ O	2.0 mg
NiCl ₂ . 6H ₂ O	24.0 mg
Na ₂ MOO ₄ . 2H ₂ O	36.0 mg
Distilled water	990.0 ml

Dissolve FeCl₂ in the HCl, dilute with water, add and dissolve the other salts; adjust pH to 6.0 with NaOH, and fill to 1.0 L with distilled water.