

ATCC medium: 538 Ionic medium with pipecolate

KH ₂ PO ₄	2.26 g
K ₂ HPO ₄	4.10 g
NaH ₂ PO ₄	2.24 g
Na ₂ HPO ₄	3.34 g
0.25 M Pipecolic acid (neutralized)	50.0 ml
Salt Solution (see below)	10.0 ml
Agar, Noble (BD 214230)	30.0 g
Distilled water	950.0 ml

Autoclave at 121C for 15 minutes.

Salt Solution:

MgSO ₄ . 7H ₂ O	14.8 g
FeSO ₄ . 7H ₂ O	0.55 g
MnSO ₄	0.045 g
H ₂ SO ₄ (concentrated)	2.0 drops
Distilled water	1.0 L