

597: SALINIVIBRIO COSTICOLA SUBSP. VALLISMORTIS MEDIUM

(NH ₄)Cl	1.00	g
NaCl	25.00	g
MgCl ₂ x 6 H ₂ O	7.00	g
MgSO ₄ x 7 H ₂ O	9.60	g
CaCl ₂ x 2 H ₂ O	0.50	g
KCl	3.80	g
K ₂ HPO ₄ x 3 H ₂ O	0.40	g
Yeast extract	1.00	g
Glucose	5.00	g
Modified Wolin's mineral solution II	10.00	ml
Distilled water	1000.00	ml

1. Final pH 7.0.

2. 3 g/l NaHCO₃ are added from a filter-sterilized stock solution when the medium has cooled.

Modified Wolin's mineral solution II (from medium 700)

Nitrolotriacetic acid	1.500	g
MgSO ₄ x 7 H ₂ O	3.000	g
MnSO ₄ x H ₂ O	0.500	g
NaCl	1.000	g
FeSO ₄ x 7 H ₂ O	0.100	g
CoSO ₄ x 7 H ₂ O	0.180	g
CaCl ₂ x 2 H ₂ O	0.100	g
ZnSO ₄ x 7 H ₂ O	0.180	g
CuSO ₄ x 5 H ₂ O	0.010	g
AlK(SO ₄) ₂ x 12 H ₂ O	0.020	g
H ₃ BO ₃	0.010	g
Na ₂ MoO ₄ x 2 H ₂ O	0.010	g
NiCl ₂ x 6 H ₂ O	0.025	g
Na ₂ SeO ₃ x 5 H ₂ O	0.300	mg
Distilled water	1000.000	ml

First dissolve nitrolotriacetic acid and adjust pH to 6.5 with KOH, then add minerals. Adjust final to pH 7.0 with KOH.