

477. ACIDIHALOBACTER PROSPERUS MEDIUM

KCl	0.33	g
MgCl ₂ x 6 H ₂ O	2.75	g
MgSO ₄ x 7 H ₂ O	3.45	g
NH ₄ Cl	1.25	g
CaCl ₂ x 2 H ₂ O	0.14	g
K ₂ HPO ₄	0.14	g
KH ₂ PO ₄	0.14	g
NaCl	0.50	g
Trace element solution (see medium 141)	10.00	ml
NiCl ₂ x 6 H ₂ O solution (0.1% w/v)	2.00	ml
FeSO ₄ x 7 H ₂ O	20.00	g
Distilled water	1000.00	ml

Dissolve ingredients (except ferrous sulfate), adjust pH to 2.5 with H₂SO₄ and autoclave. Prior to inoculation add ferrous sulfate from a freshly prepared 40% (w/v) stock solution of FeSO₄ x 7 H₂O in 0.1 N H₂SO₄, sterilized by filtration and stored under 100% N₂ gas atmosphere.