

1007. MINERAL MEDIUM

KNO ₃	250.0	mg
KH ₂ PO ₄	100.0	mg
MgSO ₄ x 7 H ₂ O	50.0	mg
CaCl ₂ x 2 H ₂ O	10.0	mg
Trace elements	1.0	ml
Distilled water	1000.0	ml

Trace elements:

EDTA	5.00	g
CuCl ₂ x 5 H ₂ O	0.10	g
FeSO ₄ x 7 H ₂ O	2.00	g
ZnSO ₄ x 7 H ₂ O	0.10	g
NiCl ₂ x 6 H ₂ O	0.02	g
CoCl ₂ x 6 H ₂ O	0.20	g
Na ₂ MoO ₄	0.03	g
MnCl ₂ x 4 H ₂ O	0.03	g
Distilled water	1000.00	ml

Final pH 5.5-6.0.

DSM 15673 may be grown on either 0.5-1.0% methanol or under a gas phase of 20% methane in air.

DSM 16984 has been grown on 20% methane in air.

DSM 24478, 24479, 24480, 24481, 24492, 24493 and 24527 have been grown on 30-50% methane in air.

Strains should be grown with shaking when grown on methane.