

1381: 1/2 S° HELIORESTIS MEDIUM

EDTA (1%)	1.000	ml
KH ₂ PO ₄	0.500	g
NH ₄ Cl	0.500	g
Na ₂ S ₂ O ₃ x 5 H ₂ O	0.500	g
Bicine	1.630	g
MgSO ₄ x 7 H ₂ O	0.200	g
CaCl ₂	0.075	g
Na ₂ CO ₃	2.500	g
NaHCO ₃	2.500	g
Na-acetate	1.000	g
Yeast extract	0.100	g
Na ₂ S x 9 H ₂ O	0.500	g
Na-pyruvate	1.000	g
Trace elements	1.000	ml
Vitamin B ₁₂	20.000	µg
Distilled water	1000.000	ml

Prepare under N₂ gas and add vitamin B₁₂, NaHCO₃, Na₂CO₃ and sulfide as single sterile stock solutions to sterile medium after autoclaving. Adjust pH to 9 - 9.5.

Trace elements (from medium 1147)

EDTA	5.20	g
CoCl ₂ x 6 H ₂ O	190.00	mg
MnCl ₂ x 4 H ₂ O	0.10	g
FeCl ₂ x 4 H ₂ O	1.50	g
H ₃ BO ₃	6.00	mg
CuCl ₂ x 2 H ₂ O	17.00	mg
Na ₂ MoO ₄ x 2 H ₂ O	188.00	mg
NiCl ₂ x 6 H ₂ O	25.00	mg
ZnCl ₂	70.00	mg
VOSO ₄ x 2 H ₂ O	30.00	mg
Na ₂ WO ₄ x 2 H ₂ O	2.00	mg
NaHSeO ₃	2.00	mg
Deionized water	1000.00	ml