

**1381. 1/2 S° HELIORESTIS MEDIUM**

1% EDTA	1.000	ml
KH <sub>2</sub> PO <sub>4</sub>	0.500	g
NH <sub>4</sub> Cl	0.500	g
Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> ×5H <sub>2</sub> O	0.500	g
Bicine	1.630	g
MgSO <sub>4</sub> × 7 H <sub>2</sub> O	0.200	g
CaCl <sub>2</sub>	0.075	g
Na <sub>2</sub> CO <sub>3</sub>	2.500	g
NaHCO <sub>3</sub>	2.500	g
Na-acetate	1.000	g
Yeast extract	0.100	g
Na <sub>2</sub> S × 9 H <sub>2</sub> O	0.500	g
Na-pyruvate	1.00	g
Trace elements (see medium 1147)	1.00	ml
Vitamin B <sub>12</sub>	20.00	µg
Distilled water	1000.00	ml

Prepare under N<sub>2</sub> gas and add Vitamin B<sub>12</sub>, NaHCO<sub>3</sub>, Na<sub>2</sub>CO<sub>3</sub> and sulfide as single sterile stock solutions to sterile medium after autoclaving. Adjust pH to 9 - 9.5.