

## 958. VY/4-SWS AGAR

NaCl	20.00	g
Yeast cell paste (bakers yeast, washed in deion. water) wet weight	2.50	g
Bacto agar	15.00	g
Cyanocobalamine (vitamin B <sub>12</sub> )	0.50	mg
Sea water salts solution (see below)	1000.00	ml

Adjust pH to 7.5 with 1M NaOH, autoclave at 121°C for 20 min. Add filter sterilized cyanocobalamine solution after autoclaving and cooling.

### *Sea water salts solution:*

Ferric citrate	0.01	g
MgSO <sub>4</sub> x 7 H <sub>2</sub> O	8.00	g
CaCl <sub>2</sub> x 2 H <sub>2</sub> O	1.00	g
KCl	0.50	g
NaHCO <sub>3</sub>	0.16	g
H <sub>3</sub> BO <sub>3</sub>	0.02	g
KBr	0.08	g
SrCl <sub>2</sub> x 6 H <sub>2</sub> O	0.03	g
di-Na-β-glycerophosphate	0.01	g
Trace elements solution SL-4	1.00	ml
Distilled water	1000.00	ml

### *Trace element solution SL-4:*

EDTA	0.50	g
FeSO <sub>4</sub> x 7 H <sub>2</sub> O	0.20	g
Trace element solution SL-6 (see below)	100.00	ml
Distilled water	900.00	ml

### *Trace element solution SL-6:*

ZnSO <sub>4</sub> x 7 H <sub>2</sub> O	0.10	g
MnCl <sub>2</sub> x 4 H <sub>2</sub> O	0.03	g
H <sub>3</sub> BO <sub>3</sub>	0.30	g
CoCl <sub>2</sub> x 6 H <sub>2</sub> O	0.20	g
CuCl <sub>2</sub> x 2 H <sub>2</sub> O	0.01	g
NiCl <sub>2</sub> x 6 H <sub>2</sub> O	0.02	g
Na <sub>2</sub> MoO <sub>4</sub> x 2 H <sub>2</sub> O	0.03	g
Distilled water	1000.00	ml