

**463a. EDTA-MEDIUM**

Na <sub>2</sub> HPO <sub>4</sub> x 2 H <sub>2</sub> O	0.41	g
KH <sub>2</sub> PO <sub>4</sub>	0.26	g
MgSO <sub>4</sub> x 7 H <sub>2</sub> O	1.00	g
CaCl <sub>2</sub> x 2 H <sub>2</sub> O	0.40	g
Trace element solution	1.00	ml
Vitamin solution	1.00	ml
Ethylenediaminetetraacetic acid (EDTA), di- or trisodium salt	0.50	g
Distilled water	1000.00	ml

pH 8.0

*Trace element solution:*

FeCl <sub>2</sub> x 4 H <sub>2</sub> O	1.50	g
ZnCl <sub>2</sub>	68.00	mg
MnCl <sub>2</sub> x 4 H <sub>2</sub> O	100.00	mg
H <sub>3</sub> BO <sub>3</sub>	62.00	mg
CoCl <sub>2</sub> x 6 H <sub>2</sub> O	120.00	mg
CuCl <sub>2</sub> x 2 H <sub>2</sub> O	17.00	mg
NiCl <sub>2</sub> x 6 H <sub>2</sub> O	24.00	mg
Na <sub>2</sub> MoO <sub>4</sub> x 2 H <sub>2</sub> O	24.00	mg
HCl, 0.05 molar	1000.00	ml

*Vitamin solution:*

Vitamin B <sub>12</sub>	50.00	mg
Pantothenic acid	50.00	mg
Riboflavin	50.00	mg
Pyridoxamine-HCl	10.00	mg
Biotin	20.00	mg
Folic acid	20.00	mg
Nicotinic acid	25.00	mg
Nicotine amide	25.00	mg
α-lipoic acid	50.00	mg
p-aminobenzoic acid	50.00	mg
Thiamine-HCl x 2 H <sub>2</sub> O	50.00	mg
Distilled water	1000.00	ml

Stir for some hours, filter sterilize the solution.