



Annexure

Nutrient medium components

1 L3 macro-nutrients

Macro-nutrient	g/L
KNO ₃	35
NH ₄ NO ₃	4
MgSO ₄ .7H ₂ O	7
KH ₂ PO ₄	4
CaCl ₂ .2H ₂ O	9

2 L3 micro-nutrients

Micro-nutrient	g/L
H ₃ BO ₃	1
MnSO ₄ .4H ₂ O	5
ZnSO ₄ .7H ₂ O	1.5
NaMoO ₄ .2H ₂ O	0.05
CuSO ₄ .5H ₂ O	0.005
CoCl ₂ .6H ₂ O	0.005
KI	0.15



3 MS-Fe source

Reagent	g/l
FESO ₄ .7H ₂ O	2.78
Na ₂ EDTA.2H ₂ O	3.73

4 HL2 vitamins

Vitamin	mg/ml
Thiamine-HCL	2
Pyridoxine-HCL	0.2
Nicotinic acid	0.2
<i>myo</i> -inositol	20
L-glutamine	84

5 Jacobs' vitamins

Vitamin	mg/l
Glycine	7.5
Thiamine-HCl	1
Myo-inositol	100



6 B5 vitamins

Vitamin	mg/ml
Thiamine-HCL	2
Pyridoxine-HCL	0.2
Nicotinic Acid	0.2
Myo-inositol	20