

INGREDIENTS

M10200, M10400, M70100

MURASHIGE & SKOOG MEDIUM, MICRO AND MACRO ELEMENTS

MICRO ELEMENTS

CoCl ₂ .6H ₂ O	0.025 mg/l	0.11 μM
CuSO ₄ .5H ₂ O	0.025 mg/l	0.10 μM
FeNaEDTA	36.70 mg/l	0.10 mM
H ₃ B ₃	6.20 mg/l	0.10 mM
KI	0.83 mg/l	5.00 μM
MnSO ₄ .H ₂ O	16.90 mg/l	0.10 mM
Na ₂ MoO ₄ .2H ₂ O	0.25 mg/l	1.03 μM
ZnSO ₄ .7H ₂ O	8.60 mg/l	29.91 μM

MACRO ELEMENTS

CaCl ₂	332.02 mg/l	2.99 mM
KH ₂ PO ₄	170.00 mg/l	1.25 mM
KNO ₃	1900.00 mg/l	18.79 mM
MgSO ₄	180.54 mg/l	1.50 mM
NH ₄ NO ₃	1650.00 mg/l	20.61 mM
	4302.09 mg/l	

VITAMINS

Glycine	2.00 mg/l	26.64 μM
myo-Inositol	100.00 mg/l	0.56 μM
Nicotinic acid	0.50 mg/l	4.06 μM
Pyridoxine HCl	0.50 mg/l	2.43 μM
Thiamine HCl	0.10 mg/l	0.30 μM
	4405.19 mg/l	

M10200 MURASHIGE & SKOOG MS MEDIUM MICRO AND MACRO ELEMENTS

1 l	(4.3 g)
5 l	(21.5 g)
10 l	(43.0 g)
25 l	(107.6 g)
50 l	(215.1 g)

M10400 MURASHIGE & SKOOG MS MEDIUM & VIT. MICRO AND MACRO ELEMENTS

1 l	(4.4 g)
5 l	(22.0 g)
10 l	(44.1 g)
25 l	(110.1 g)
50 l	(220.3 g)

M70100 MURASHIGE & SKOOG MEDIUM VITAMIN MIXTURE

Package contains 10.31 g or 25.80 g vitamins to prepare 100 ml or 250 ml of a 1000X vitamin stock solution. Use 1 ml vitamin stock solution to prepare 1 liter MS medium of the proper final vitamin concentration. Package to prepare 100 ml 1000X solution. Package to prepare 250ml 1000X stock solution.