

Modified chemically defined medium (MCSE):

10×MOPS solution	10 ml
Tryptophan (5 mg/ml)	1 ml
Ammoniumeisencitrat (2,2 mg/ml)	1 ml
III'-Salts	1 ml
Potassium glutamate (40%)	2 ml
Sodium succinate (30%)	2 ml
Fructose (20%)	1 ml
Sterile H ₂ O	to 100 ml

10 x MOPS solution (1 l) adjust pH 7 with KOH (10 M)

(=400 mM MOPS, 10 mM Phosphate)

MOPS	83,72 g
(NH ₄) ₂ SO ₄	33g
KH ₂ PO ₄ (1M)	3,85 ml
K ₂ HPO ₄ (1M)	6,15 ml

III'-Salts (1 l)

MnSO ₄ × 4 H ₂ O	0,232 g
MgSO ₄ × 7 H ₂ O	12,3 g