

1660. modified BAP⁺ (PSA) MEDIUM FOR FRANKIA

KH ₂ PO ₄	0.950	g
K ₂ HPO ₄	0.600	g
NH ₄ Cl	0.270	g
Na-propionate	0.480	g
Sodium succinate dibasic	0.480	g
Pyruvic acid sodium salt	0.480	g
Sodium acetate	0.480	g
MgSO ₄ x 7 H ₂ O	0.025	g
CaCl ₂ x 2 H ₂ O	0.010	g
Vitamine solution (see below)	1.000	ml
Chelated iron solution (see below)	1.000	ml
Trace element solution (see below)	0.100	ml
Distilled water	1000.000	ml

Vitamine solution:

Thiamine HCl	0.010	g
Nicotinic acid	0.050	g
Pyridoxine HCl	0.050	g
Distilled water	100.000	ml

Chelated iron solution:

Citronensäure	1.000	g
Eisencitrat	1.000	g
Distilled water	100.000	ml

Trace element solution:

CoSO ₄ x 7 H ₂ O	0.001	g
CuSO ₄ x 5 H ₂ O	0.080	g
H ₃ BO ₃	2.860	g
MnCl ₂ x 4 H ₂ O	1.810	g
Na ₂ MoO ₄ x 2 H ₂ O	0.025	g
ZnSO ₄ x 7 H ₂ O	0.220	g
Distilled water	100.000	ml

The pH of the final solution is adjusted to 6.3.

Note: Please autoclave the chelated iron solution before you add to the medium, so that solves everything!!!!