



NRRL Medium No. 32

Mineral Salts Agar (MSA)

Per Liter of medium:

NaNO ₃	2.0 g
MgSO ₄	0.5 g
KCl	0.5 g
Fe ₂ (SO ₄) ₃ · H ₂ O	0.01 g
KH ₂ PO ₄	0.14 g
K ₂ HPO ₄	1.2 g
Agar.....	15.0 g
Yeast extract.....	0.02 g
Distilled water.....	1.0 L

Autoclave at 121C for 15 minutes. Adjust pH to 7.2. Place strip of sterile filter paper on cooled agar slant and inoculate on filter strip.