

3N-BBM

(modified after CCAP)

Components	Stock Solution	Addition per Litre of Culture Medium
1. NaNO_3	25.00 g / l dH_2O	10 ml
$\text{K}_2\text{HPO}_4 \times 3 \text{ H}_2\text{O}$	9.80 g / l dH_2O	
KH_2PO_4	17.50 g / l dH_2O	
NaCl	2.50 g / l dH_2O	
2. $\text{CaCl}_2 \times 2 \text{ H}_2\text{O}$	2.50 g / l dH_2O	10 ml
3. $\text{MgSO}_4 \times 7 \text{ H}_2\text{O}$	7.50 g / l dH_2O	10 ml
4. Trace Metals		6 ml
	add to 1000 ml of distilled water 0.83 g $\text{Na}_2\text{EDTA} \times 2 \text{ H}_2\text{O}$ and the minerals in exactly the following sequence:	
$\text{FeCl}_3 \times 6 \text{ H}_2\text{O}$	97.00 mg / l dH_2O	
$\text{MnCl}_2 \times 4 \text{ H}_2\text{O}$	41.00 mg / l dH_2O	
ZnCl_2	5.00 mg / l dH_2O	
$\text{CoCl}_2 \times 6 \text{ H}_2\text{O}$	2.00 mg / l dH_2O	
$\text{Na}_2\text{MoO}_4 \times 2 \text{ H}_2\text{O}$	4.00 mg / l dH_2O	
5. Vitamin Solution		3 ml
Vitamin B12	0.20 mg / l dH_2O	
Biotin	1.00 mg / l dH_2O	
Thiamine-HCl	100.00 mg / l dH_2O	
Niacinamide	0.10 mg / l dH_2O	
	pH of the Vitamin Solution should be around pH 7	
6. NaNO_3	25.00 g / l dH_2O	20 ml
(7. $\text{Na}_2\text{SiO}_3 \times 9 \text{ H}_2\text{O}$	28.42 g	2ml optional)
	adjust the pH to 6,6 and autoclave	