

1486. GBS salts modified for *Thermocrinis jamiesonii*

NaH ₂ PO ₄	1.380	g
NaCl	3.000	g
NH ₄ Cl	0.107	g
CaCl ₂ x 2 H ₂ O	0.015	g
MgSO ₄ x 7 H ₂ O	0.123	g
KCl	0.150	g
Na ₂ SO ₄	0.300	g
Mineral solution	5.00	ml
Distilled water	1000.00	ml
Final pH 7.25		

Mineral solution :

EDTA-Na ₂	3.7000	g
FeSO ₂ x 7 H ₂ O	1.1000	g
ZnSO ₄ x 7 H ₂ O	0.0288	g
MnCl ₂ x 4 H ₂ O	0.0984	g
H ₃ BO ₃	0.0310	g
CoCl ₂ x 6 H ₂ O	0.0238	g
CuCl ₂ x 2 H ₂ O	0.0172	g
NaMoO ₄ x 2 H ₂ O	0.0242	g
Distilled water	1000.0	ml

Adjust pH to 6.0 with KOH

Prepare the medium under a nitrogen atmosphere. Dispense 5 ml into 25 ml tubes fitted with rubber stoppers.

Autoclave 121°C 20 min and add 2mM (final concentration) sodium acetate trihydrate, 2mM (final concentration) sodium thiosulfate pentahydrate and 1mM (final concentration) sodium bicarbonate from anaerobic, autoclaved stock solutions(100x).

Before inoculation 2% sterile O₂ or 10% sterile air is added to the headspace.