

1225. THIOALKALIBACTER HALOPHILUS MEDIUM

Mineral base:

Na ₂ CO ₃	95.0	g
NaHCO ₃	15.0	g
NaCl	16.0	g
K ₂ HPO ₄	1.0	g
Distilled water	1000.0	ml

Sterilize at 120°C 20 min in a closed vessel (i.e. a serum tube or bottle) with an air to liquid ratio of 10:1. pH after sterilization will be about 10.

After sterilization add:

Trace elements solution (see medium 925)	1.0 ml/l
MgCl ₂ x 6 H ₂ O (200.0 g/l)	1.0 ml/l
(a white colloid will form which will rapidly dissolve after mixing)	
Sodium thiosulfate pentahydrate (1.0 M - 248.0 g/l)	20.0 ml/l
NH ₄ Cl - (1 M - 53.5 g/l)	4.0 ml/l