

**518. HALOTHIOBACILLUS HALOPHILUS MEDIUM**

$\text{Na}_2\text{HPO}_4 \times 2 \text{H}_2\text{O}$	7.9	g
$\text{KH}_2\text{PO}_4$	1.5	g
NaCl	50.0	g
$\text{MgSO}_4 \times 7 \text{H}_2\text{O}$	0.1	g
$\text{NH}_4\text{Cl}$	0.4	g
Phenol red (saturated aq. solution)	12.5	ml
Trace element solution (see medium 333)	10.0	ml
$\text{Na}_2\text{S}_2\text{O}_3 \times 5 \text{H}_2\text{O}$	5.0	g
Agar (for solid medium)	15.0	g
Distilled water	1000.0	ml

Dissolve ingredients except thiosulfate and adjust pH of medium to 7.3 – 7.5. Add thiosulfate to the medium after autoclaving from a sterile stock solution sterilized by filtration. For liquid medium also sterilize the phosphates separately in 1/10 of medium volume.