514e: MARINE BROTH (ANAEROB)

Peptone (BD Bacto)	5.00	g
Yeast extract (BD Bacto)	1.00	g
NaCl	19.45	g
$MgCl_2$ (anhydrous)	5.90	g
Na_2SO_4	3.24	g
KCl	0.55	g
$NaHCO_3$	0.16	g
KBr	0.08	g
SrCl2	34.00	mg
H_3BO_3	22.00	mg
Na-silicate	4.00	mg
NaF (0.1% w/v)	2.40	ml
$(NH_4)NO_3$ (0.1% w/v)	1.60	ml
Na_2HPO_4 (0.1% w/v)	8.00	ml
Sodium resazurin (0.1% w/v)	0.50	ml
L-Cysteine HCl x H_2O	0.30	g
Na_2S x 9 H_2O	0.30	g
Distilled water	1000.00	ml

Dissolve ingredients except cysteine and sulfide, then sparge medium with 100% N_2 gas for 30 - 45 min to make it anoxic. Dispense medium under same gas atmosphere into anoxic Hungate-type tubes or serum vials and autoclave. Add cysteine and sulfide from sterile anoxic stock solutions prepared under 100% N_2 gas. Prior to use check pH of complete medium and adjust to 7.3 - 7.5, if necessary.

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