



Main sol. J159

Modified Brock's salt base solution	1000.00	ml
NaCl	40.00	g
Yeast extract (BD-Difco)	2.00	g
Sulfur (powder)	10.00	g
Na ₂ S x 9 H ₂ O	0.50	g
Resazurin	1.00	mg

Mix ingredients, except yeast extract, sulfur and Na₂S x 9H₂O, adjust pH to 5.8 with H₂SO₄, and autoclave under a N₂ atmosphere. Separately autoclave yeast extract as a 10% solution under a N₂ atmosphere. Steam sulfur for 3 hr on each of 3 successive days. Neutralize Na₂S x 9H₂O as a 5% solution, and autoclave under a N₂ atmosphere. Aseptically and anaerobically add the yeast extract solution and sulfur to the medium. Prior to inoculation, add the sterile Na₂S x 9H₂O solution, and readjust pH to 5.8, if necessary.