

932. HALONATRONUM SACCHAROPHILUM MEDIUM

KH ₂ PO ₄	0.200	g
MgCl ₂	0.100	g
NH ₄ Cl	0.500	g
KCl	0.200	g
NaCl	50.000	g
Na ₂ CO ₃	68.000	g
NaHCO ₃	38.000	g
Na ₂ S x 9 H ₂ O	0.700	g
Yeast extract	0.200	g
Sucrose	5.000	g
Trace elements (see DSM medium 141)	1.000	ml
Vitamin solution (see DSM medium 141)	10.000	ml
Resazurin	0.001	g
Distilled water	1000.000	ml

Final pH 9.5-10.0

Prepare the medium without adding the vitamins, sucrose, yeast extract, NH₄Cl, Na₂CO₃, and NaHCO₃ using anaerobic conditions, under nitrogen. If the medium has been boiled to remove oxygen add the NH₄Cl, Na₂CO₃, and NaHCO₃ after the medium had cooled. Dispense into tubes stopper with rubber stoppers (serum tubes or bottles, or screw capped tubes). Autoclave, and to the cooled medium add the vitamins (filter sterilised under N₂), sucrose, yeast extract, and Na₂S x 9 H₂O from anaerobic, sterile stock solutions.