

591. HALOBACTEROIDES/HALOINCOLA MEDIUM

NH ₄ Cl	0.33	g
CaCl ₂	0.33	g
MgCl ₂	0.33	g
KCl	0.33	g
KH ₂ PO ₄	0.33	g
NaCl	100 - 150.00	g
NaHCO ₃	1.50	g
Na ₂ S x 9 H ₂ O	0.50	g
Glucose	5.00	g
Peptone	5.00	g
Trace elements (SL 10, see medium 320)	1.00	ml
Vitamin solution (see medium 141)	10.00	ml
Resazurin	2.00	mg
Distilled water	990.00	ml

Prepare the medium without NaHCO₃, Na₂S, glucose and vitamins, boil and cool under a nitrogen:carbon dioxide (80:20 v/v) atmosphere. Use 100.0 g/l NaCl for [DSM 6641](#), [DSM 6642](#), [DSM 6638](#), [DSM 6639](#), [DSM 6643](#), and [DSM 7212](#) and 150.0 g/l for [DSM 7379](#). Glucose (filter-sterilized and stored under nitrogen), vitamins (filter sterilized and stored under nitrogen), and sodium sulphide (autoclaved under nitrogen) are added from sterile stock solutions. The pH should be pH 7.5.

For [DSM 12596](#) use 100 g/l NaCl, replace the peptone with 0.5 g/l yeast extract and adjust the pH to 6.6.

For [DSM 6640](#) use 150 g/l NaCl, replace the peptone with 0.5 g/l yeast extract (Difco) and adjust the pH to 7.5.