1622. RUGOSIBACTER MEDIUM

Solution A:

KH_2PO_4	0.12	g
Na_2HPO_4 x 2 H_2O	0.72	g
Distilled water	500.000	ml

Solution B:

NH_4NO_3	0.40	g
$MgSO_4$ x 7 H_2O	0.24	g
$CaCl_2$ x 2 H_2O	0.15	g
Na-pyruvate	2.00	g
Trace element solution SL-10	1.00	ml
Distilled water	500.000	ml

Adjust solutions A and B to pH 7.0±0.2, autoclave separately and combine after cooling.
Add 1.0 ml sterile vitamin B_{12} solution (50 mg/l) per litre.

Trace element solution SL-10 (see DSMZ medium 320):

HCl (25%; 7.7 M)	10.00	ml
$FeCl_2$ x 4 H_2O	1.50	g
$ZnCl_2$	70.00	mg
$MnCl_2$ x 4 H_2O	100.00	mg
H_3BO_3	6.00	mg
$CoCl_2$ x 6 H_2O	190.00	mg
$CuCl_2$ x 2 H_2O	2.00	mg
$NiCl_2$ x 6 H_2O	24.00	mg
Na_2MoO_4 x 2 H_2O	36.00	mg
Distilled water	990.00	ml

First dissolve $FeCl_2$ in the HCl, then dilute in water, add and dissolve the other salts.
Finally make up to 1000.0 ml.