828: NEVSKIA MEDIUM

This recipe contains strain-specific modifications for *Nevskia ramosa* DSM 11499 *

Final pH: 7.0 - 7.2
Final volume: 1000 ml

Potassium phosphate buffer, 1M, pH 7	27.50	ml
$MgSO_4$ x 7 H_2O	0.05	g
$CaCl_2$ x 2 H_2O	14.00	mg
Na-lactate	0.56	g
SL-9	0.50	ml
Seven vitamins solution	0.50	ml
Agar, if necessary	15.00	g
Distilled water	972.50	ml

1. Adjust the pH to 7.0 - 7.2.

2. Filter sterilize the vitamin solution and add to the autoclaved medium.

* Reactivation of freeze-dried material from the ampoules and first cultivation with liquid medium 830

SL-9

HCl (25%)	10.00	ml
$FeCl_2$ x 4 H_2O	2.00	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
Nitrilotriacetic acid	12.80	g
Distilled water	990.00	ml

1. First dissolve $FeCl_2$ in the HCl, then dilute in water, add and dissolve the other salts. Finally make up to 1000.00 ml.

2. Adjust pH to 6.0 .

Seven vitamins solution (from medium 503)

Vitamin B_{12}	100.00	mg
p-Aminobenzoic acid	80.00	mg

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D-(+)-biotin	20.00	mg
Nicotinic acid	200.00	mg
Calcium pantothenate	100.00	mg
Pyridoxine hydrochloride	300.00	mg
Thiamine-HCl x 2 H_2O	200.00	mg
Distilled water	1000.00	ml

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