

592: THERMOMICROBIUM ROSEUM MEDIUM

This recipe contains strain-specific modifications for *Thermogemmatispora carboxidivorans* DSM 45816 *

Final pH: * 5.6

Final volume: 1000 ml

Yeast extract	1.000	g
Tryptone (BD 211705)	1.000	g
(NH ₄) ₂ SO ₄ (sublimed)	1.300	g
MgSO ₄ x 7 H ₂ O	0.247	g
KH ₂ PO ₄	0.280	g
CaCl ₂ x 2 H ₂ O	0.074	g
FeCl ₃ x 6 H ₂ O	0.019	g
Trace elements	1.000	ml
Distilled water	999.000	ml
Agar, for solid medium	20.000	g/l

1. Adjust pH to 8.5.
2. Add 20.0 g/l agar for solid media and pour short slants with a long butt in screw-capped tubes.

* pH 6.5

Trace elements

MnCl ₂ x 4 H ₂ O	1.80	g
Na ₂ B ₄ O ₇ x 10 H ₂ O	4.40	g
ZnSO ₄ x 7 H ₂ O	0.22	g
CuCl ₂ x H ₂ O	0.05	g
Na ₂ MoO ₄ x 2 H ₂ O	0.03	g
VOSO ₄ x 2 H ₂ O	0.03	g
Distilled water	100.00	ml

pH adjusted to 2.0 with H₂SO₄.