

655: PYE MEDIUM

This recipe contains strain-specific modifications for *Heliomicrobium modesticaldum* DSM 9504 *

Final pH: 6.8

Final volume: 1000 ml

K ₂ HPO ₄	1.00	g
MgSO ₄ x 7 H ₂ O	0.20	g
CaCl ₂ x 2 H ₂ O	0.02	g
Na ₂ S ₂ O ₃ x 5 H ₂ O	0.20	g
Na-pyruvate	2.20	g
Yeast extract (Difco)	4.00	g
(NH ₄) ₂ SO ₄	1.00	g
Trace element solution SL-6	1.00	ml
Distilled water	1000.00	ml

1. Adjust pH to 6.8.
2. Boil the medium for few minutes. Fill in tubes with rubber stoppers under nitrogen gas. Sterilize at 121°C for 15 min.

* Or 370; anaerobic in light

Trace element solution SL-6 (from medium 27)

ZnSO ₄ x 7 H ₂ O	0.10	g
MnCl ₂ x 4 H ₂ O	0.03	g
H ₃ BO ₃	0.30	g
CoCl ₂ x 6 H ₂ O	0.20	g
CuCl ₂ x 2 H ₂ O	0.01	g
NiCl ₂ x 6 H ₂ O	0.02	g
Na ₂ MoO ₄ x 2 H ₂ O	0.03	g
Distilled water	1000.00	ml