

457b. MEDIUM WITH FLUORANTHENE OR PHENANTHRENE

For DSM 7526, prepare medium 457 with 200 mg/l Tween 80. Prepare a solution of 2 g/l fluoranthene in acetone and filter sterilize using a cellulose filter membrane. Add 1 ml of this stock solution to the sterilized culture flask. Let acetone evaporate. Add 20 ml medium to the flask. Alternatively, the direct addition of about 1-2 mg fluoranthene to the medium is possible.

For DSM 13022, prepare medium 457 with 0.3 g/l casamino acids. Add phenanthrene instead of fluoranthene to the culture vessel. 0.1 ml phenanthrene stock solution in acetone (5 mg/ml) are used per flask.