



## GROWTH MEDIA

### 6 - *Pseudomonas cepacia* azelaic acid tryptamine medium (PCAT)

Components	Concentration (g/L)
MgSO <sub>4</sub> x 7H <sub>2</sub> O	0.1
Azelaic acid	2
Tryptamine (stock solution)	0.2
K <sub>2</sub> HPO <sub>4</sub>	4
KH <sub>2</sub> PO <sub>4</sub>	4
Yeast extract	0.02

#### PROCEDURE:

Prepare the following stock solution in absolute ethanol:

- Tryptamine 20g/L (10ml in 1L of medium)

Dissolve by heating MgSO<sub>4</sub> and azelaic acid in distilled H<sub>2</sub>O. Add K<sub>2</sub>HPO<sub>4</sub>, KH<sub>2</sub>PO<sub>4</sub> and yeast extract and adjust the volume to 1L. Before sterilization, adjust the pH to 5.7 with HCl 37% and autoclave the dissolved mixture at 121 °C for 20 min. After sterilization, add filter-sterilized tryptamine.

To prepare solid medium, add agar (15g/L) before sterilization.

and tetracycline.

To prepare solid medium, add agar (20g/L) before sterilization.