



## GROWTH MEDIA

### 7 - Medium for isolation and culturing of *Burkholderia* species (BAC)

Components	Concentration (g/L)
Azelaic acid	2
K <sub>2</sub> HPO <sub>4</sub>	0.4
KH <sub>2</sub> PO <sub>4</sub>	0.4
MgSO <sub>4</sub> · 7H <sub>2</sub> O	0.2
Bromothymol blue (stock solution)	0.075
L-citrulline (stock solution)	0.2

#### PROCEDURE:

Prepare the following stock solutions in distilled H<sub>2</sub>O:

- L – citrulline 20g/L (store at + 4 °C)
- Bromothymol blue 5g/L (store at room temperature)

Dissolve each component listed in the table, except L-citrulline and Bromothymol blue, in distilled H<sub>2</sub>O. Before sterilization, adjust the volume to 1L and pH to 5.7 with NaOH. Autoclave the dissolved mixture at 121 °C for 20 min. After sterilization, add filter-sterilized (pore size 0.22 μM) L-citrulline and Bromothymol blue.

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