

Comparative analysis of mixing efficiency and distribution in a split-cylinder gas-lift bioreactor containing free and immobilized *Yarrowia lipolytica* cells

SCHEMATIC DIAGRAM OF THE EXPERIMENTAL
SPLIT-CYLINDER GAS-LIFT BIOREACTOR

- 1 - riser
- 2 - downcomer
- 3 - baffle
- 4 - point on mixing time measurement

