

465c. MINERAL MEDIUM WITH DICHLOROMETHANE

Prepare medium 465 (addition of 50 mg/l bromothymol blue as pH-indicator is recommended) and autoclave. For DSM 6813, add 10 ml/l instead of 1 ml/l trace element solution SL-4. Grow the cells in medium 465 with methanol supplied via incubation atmosphere (up to 10 ml methanol per liter medium). Incubate these adapted cells in medium 465 and consecutively feed small amounts of dichloromethane (toxic! 2 mmol per liter or less) via incubation atmosphere. Readjust pH of the culture with sterile 1 M NaOH if necessary.