

TABLE I
Comparison of Parameters between the First Synchrony
Experiment and the Closest Corresponding Steady-State
Continuous Cultivation Experiment^a

Parameter	Continuous	Synchrony
Doubling time (hours)	2.82	2.5
Cell concentration (microscopic counts (10 ⁶ /ml))	13.3	27 (average)
Glucose (g/l)	0.49	5.8 (average)
Ethanol (g/l)	0.55	1.2 (average)
Mean dividing cell protein content (pg)	12.1	12.0
C.V. of dividing cell protein content	0.10	0.14

^aReference 5.