

$\frac{dN}{dt} = \mu N$
 $\ln \frac{N}{N_0} = \mu t$
 $\mu = \frac{\ln \frac{N}{N_0}}{t}$

$P = \frac{\ln OD_{600} - \ln OD_{600t_0}}{t - t_0}$
 $\mu = S$

Batch experiments conducted with washed cell suspensions:

F...
 bac...
 TSA...
 TSB...
 100 L...
 24...
 37 C...
 10 L...
 100 L...
 TSB...
 250 LE...
 8...
 (6 000...
 15...
 (0.85%...
 NaC...
 50 L...
 MSM (a...
 5 L⁻¹ NaC)...
 OD₆₀₀...
 1.5...
 bac...
 50 L...
 100 L...
 15 L...
 A...
 5 L...
 4 M...
 1 M...
 20 L)...
 NT-I...
 H...
 16...
 bac...
 F...
 bac...
 TSA...
 20 L...
 TSB...
 100 L...
 W...
 24...
 37 C...
 10 L...
 100 L...
 TSB...
 250 LE...
 8...
 (6 000...
 15...
 30 L...
 MSM a...
 Na₂S O₄ (H 8...
 10 L⁻¹)...
 (b...
 20 40 L⁻¹)...
 (0.5 MS...
 37 C...
 H 8)...
 100 L...
 30 L...
 37 C...
 120...
 A 1 L...
 1.5 Lc...
 (6 000...
 15...
 25 L...
 (W...
 42, S...
 A c, S...
 A ca)...
 5 L...
 a a...

Analytical methods

Optical density: OD_{600} was measured using a spectrophotometer (OD₆₀₀) at 600 nm. The optical density was converted to dry biomass using a standard curve (MSM).

OD₆₀₀ vs. dry biomass:

$$\frac{dS_e}{Xdt} = \frac{k_{max} S_e^4}{K_{s40} [S_e]}$$

Ma ac a c a
 (.)⁻¹

Ma ac a c
 a (.)⁻¹

§ b a a a c c c a
 , M

§ b a a a c c c
 a , M

B a c c a , .L⁻¹

S c a c b , AQUASIM
 a a a c

a a

c c a a (0.5, 1 a 2 M). F 5
 a F 6 c c c a
 a c (a , a)
 a a c c a 1 M. F
 ca b a a a ca b a
 b a a b a c c a c a
 ac a .O b a a ca b a a a
 a a ac a a a
 a L b -K a . [26] a a a c a
 a a

a a a Tab 1.
 a E. C K12 a 0.00681 a 0.00076 (.)⁻¹
 a a c c [26]. c a
 b a a a NT-I.
 a a a a bac a
 E SLD1-a1. c a a 3.1 a 0.72 M
 a a c c [22]. O a
 ac ac a
 c a c a a c c a a H
 c a .O a ac a c c a c
 b a a ac

a ac ac a a
 c a ac a a c b
 b a a c a a a a
 a c c a c a c a
 c ac .W a a a
 a a c c a 4 M (F 7) ca b
 a b b c a a .O ca
 c a a ca b b ba a
 a c a

A a -c b a a
 a a M a a c
 a b a a c a
 c a ca c a
 .U a a c b a
 ca .O b a

T75ID 7BT b 2ca DC 0 T. 71 c C2



