Fig. 1

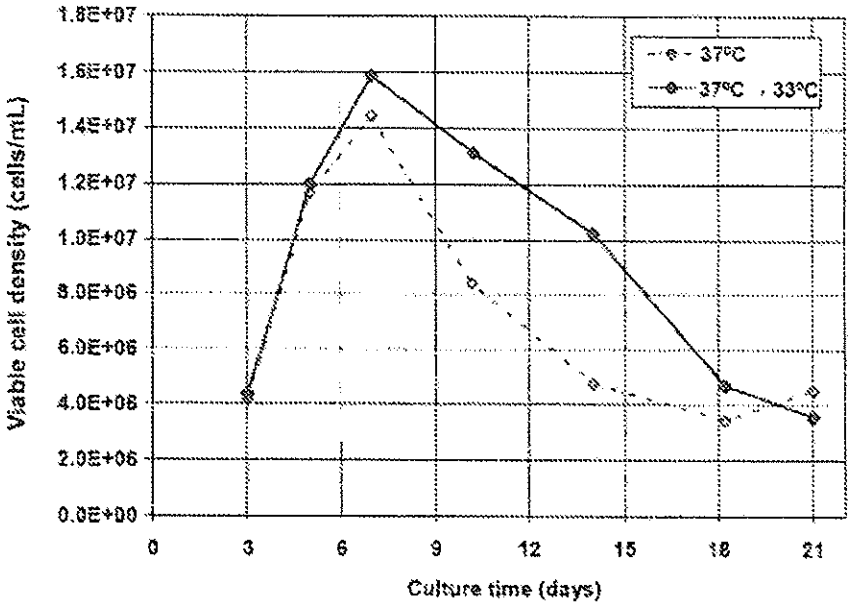

1.8E+07
1.6E+07
1.4E+07
1.2E+07
1.0E+07
8.0E+06
6.0E+06
4.0E+06
2.0E+06
0.0E+00
Viable cell density (cells/mL)
0
3
6
9
12
15
18
21
Culture time (days)
37°C
37°C , 33°C

Fig. 2

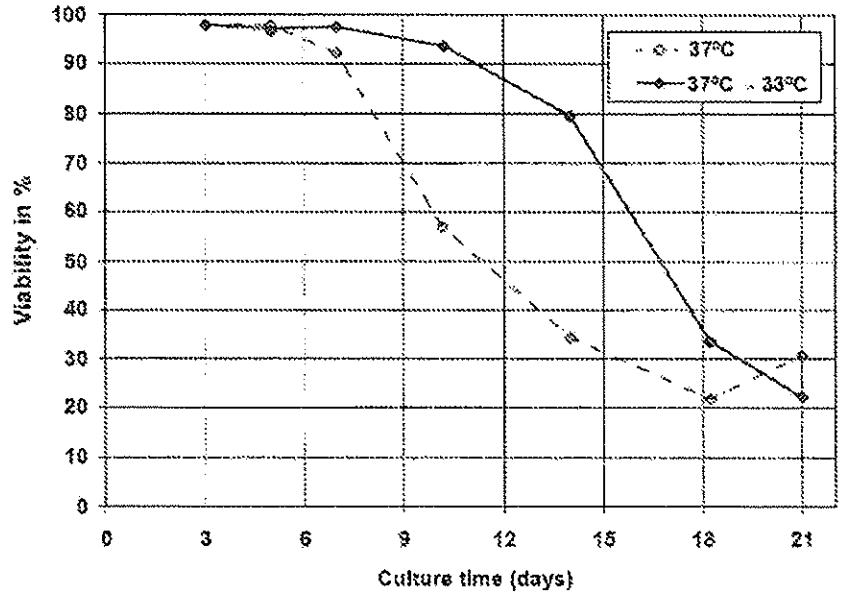

100
90
80
70
60
50
40
30
20
10
0
Viability in %
0
3
6
9
12
15
18
21
Culture time (days)
37°C
37°C , 33°C

Fig. 3

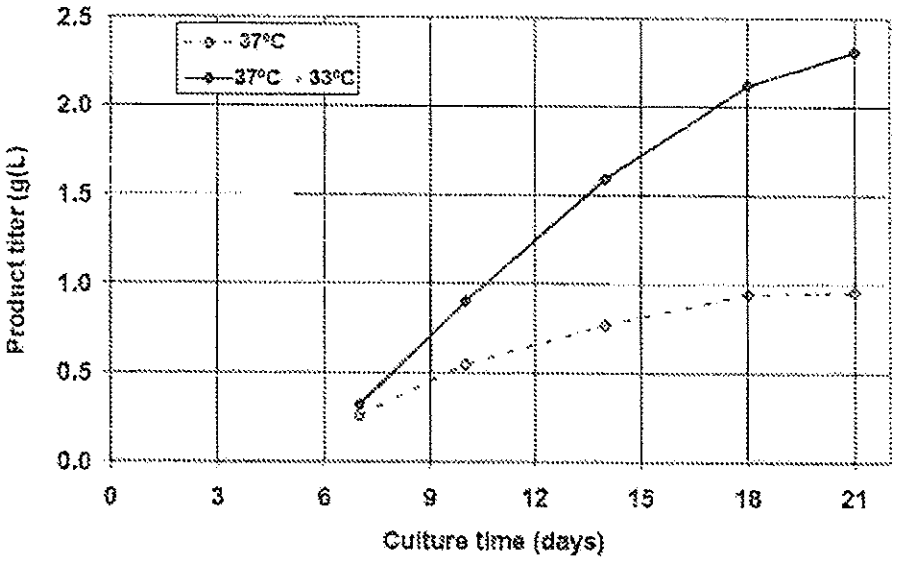

37°C
37°C - 33°C
Product titer (g/L)
2.5
2.0
1.5
1.0
0.5
0.0
0
3
6
9
12
15
18
21
Culture time (days)

Fig. 4

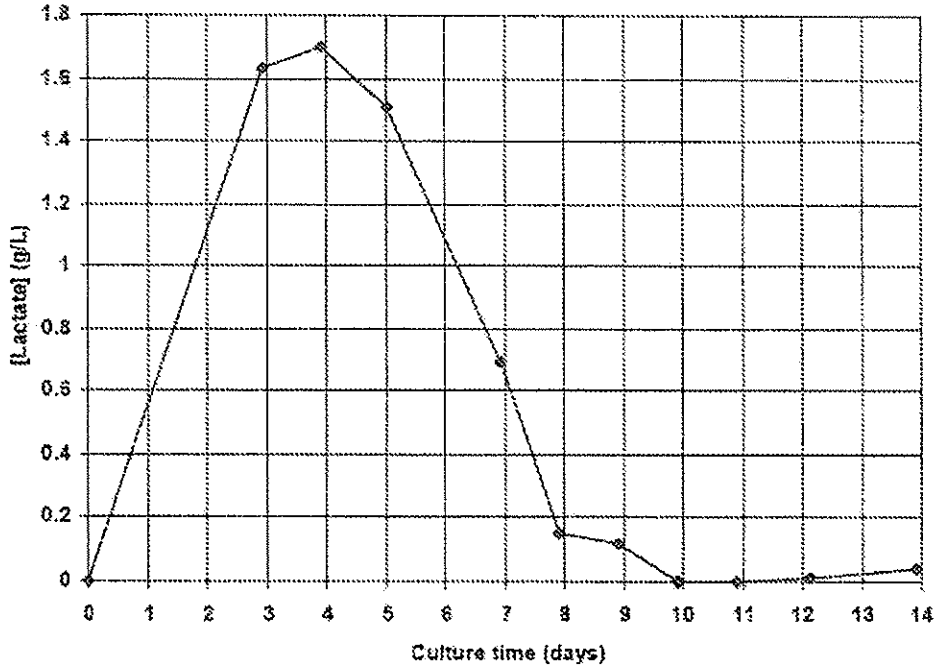

[Lactate] (g/L)
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
Culture time (days)

Fig. 5

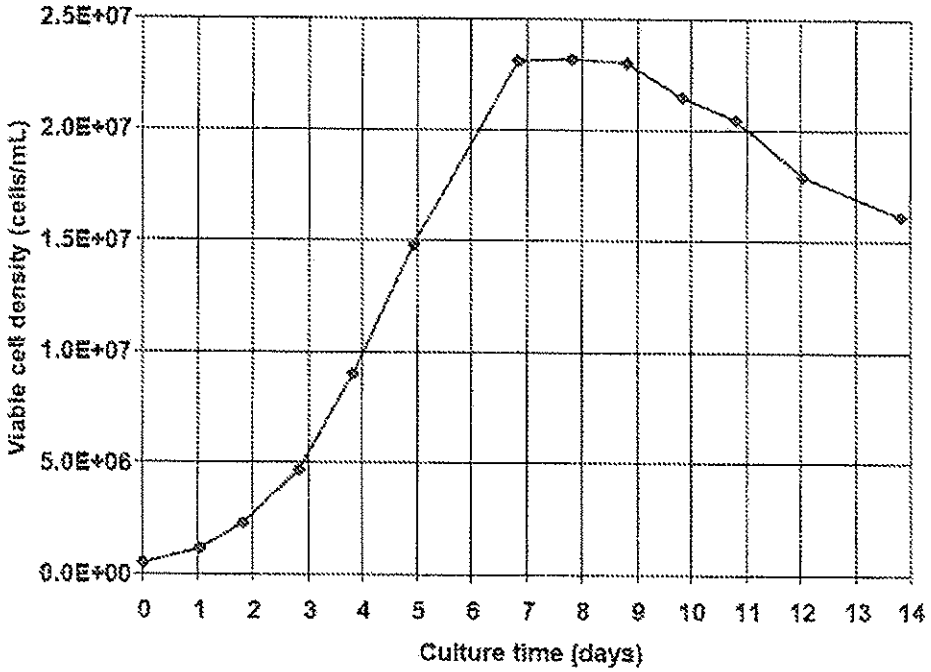
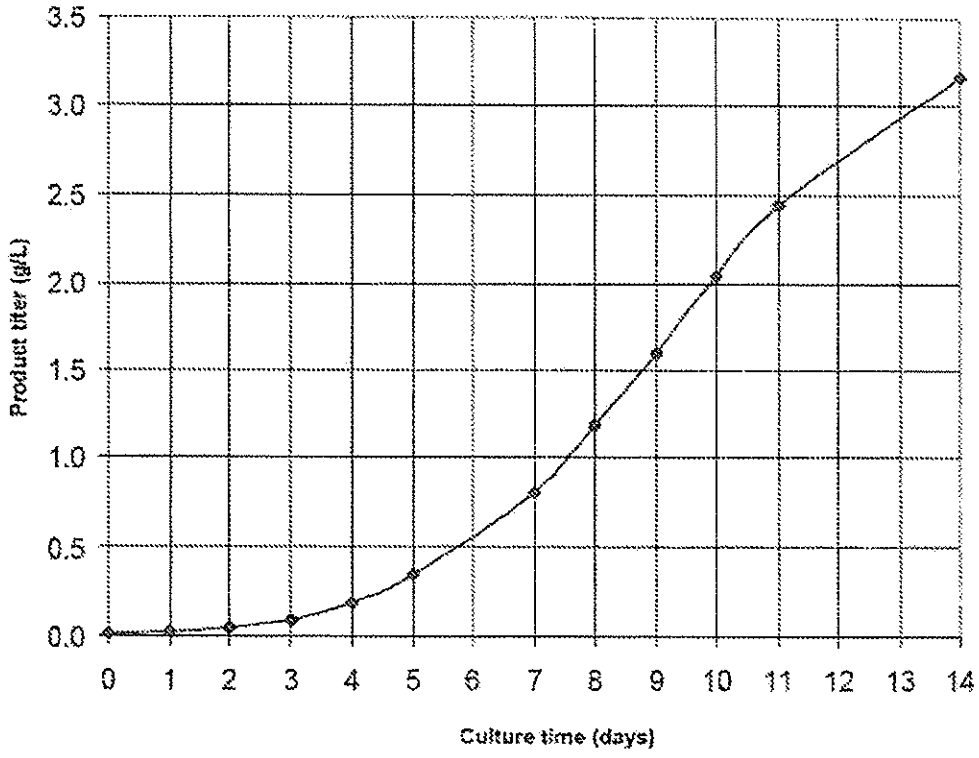

2.5E+07
2.0E+07
1.5E+07
1.0E+07
5.0E+06
0.0E+00
Viable cell density (cells/mL)
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14
Culture time (days)

Fig. 6


3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
Product titer (g/L)
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14
Culture time (days)