Figure 1

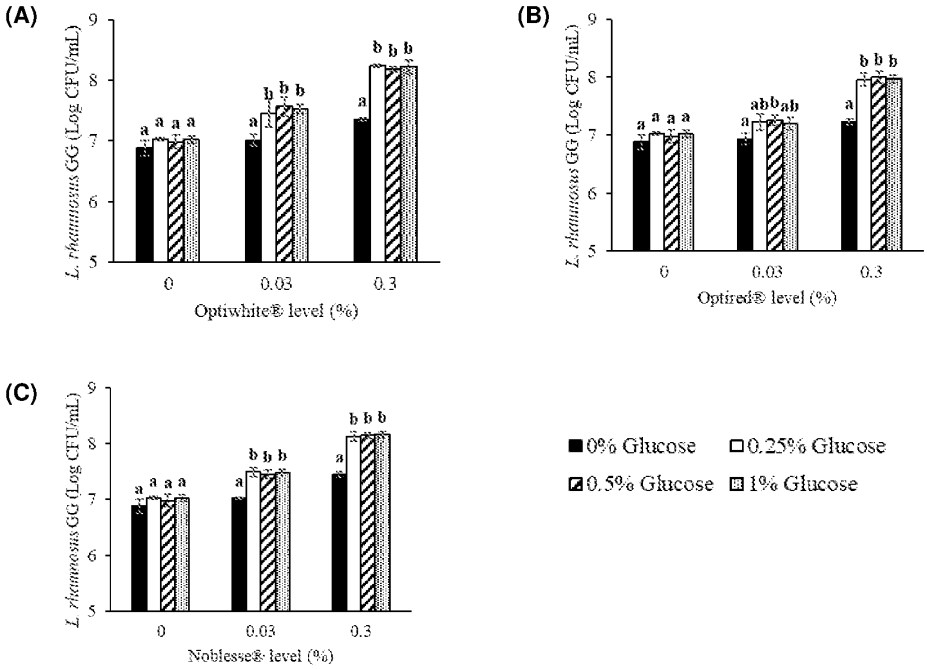


Figure 2

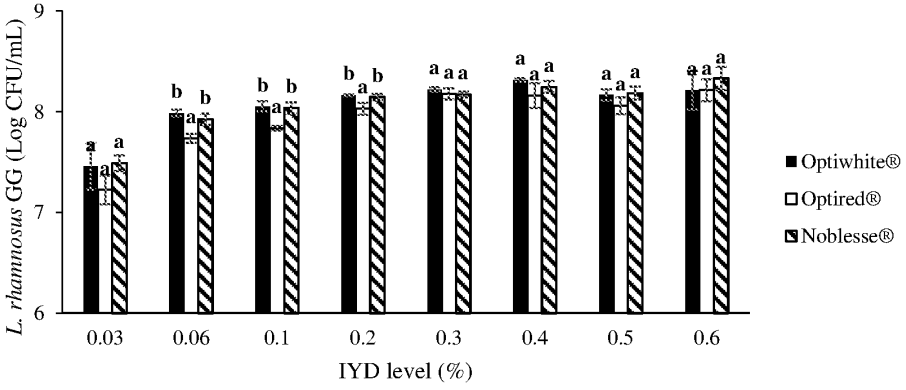


Figure 3

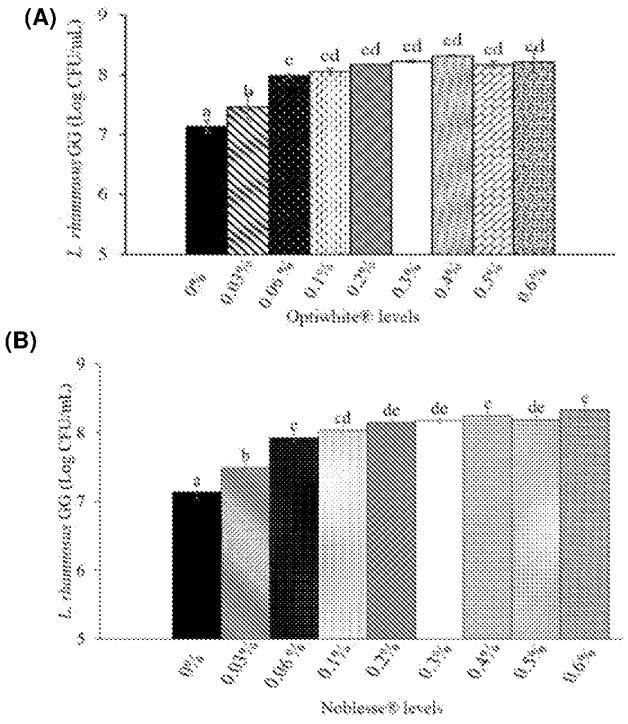


Figure 4

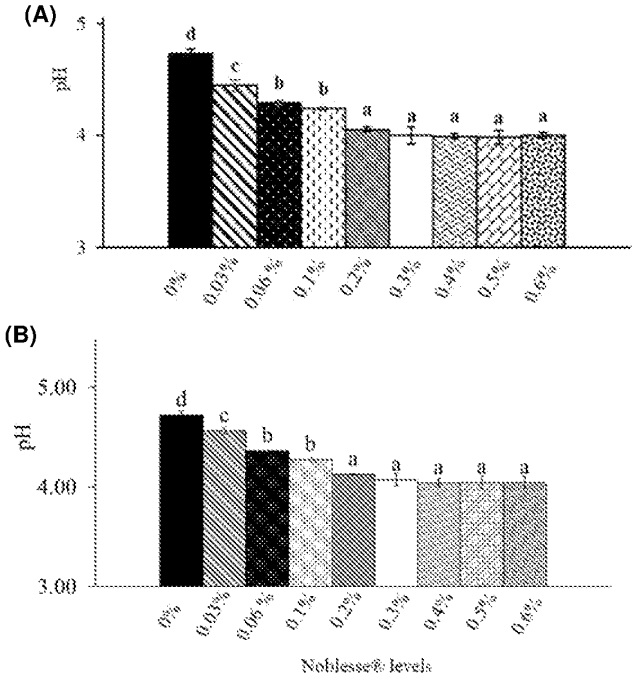


Figure 5

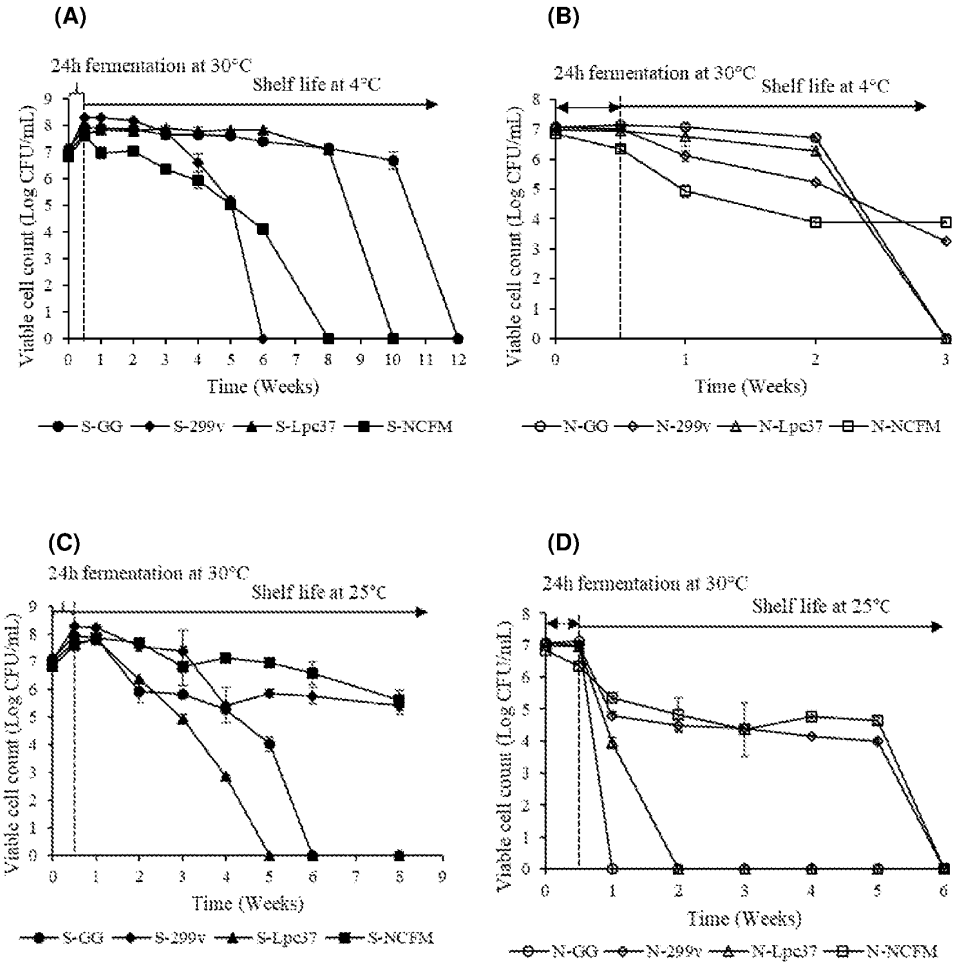

(A)
24h fermentation at 30°C
Shelf life at 4°C
Viable cell count (Log CFU/mL)
Time (Weeks)
S-GG S-299v S-Lpc37 S-NCFM
(B)
24h fermentation at 30°C
Shelf life at 4°C
Viable cell count (Log CFU/mL)
Time (Weeks)
N-GG N-299v N-Lpc37 N-NCFM
(C)
24h fermentation at 30°C
Shelf life at 25°C
Viable cell count (Log CFU/mL)
Time (Weeks)
S-GG S-299v S-Lpc37 S-NCFM
(D)
24h fermentation at 30°C
Shelf life at 25°C
Viable cell count (Log CFU/mL)
Time (Weeks)
N-GG N-299v N-Lpc37 N-NCFM

Figure 6

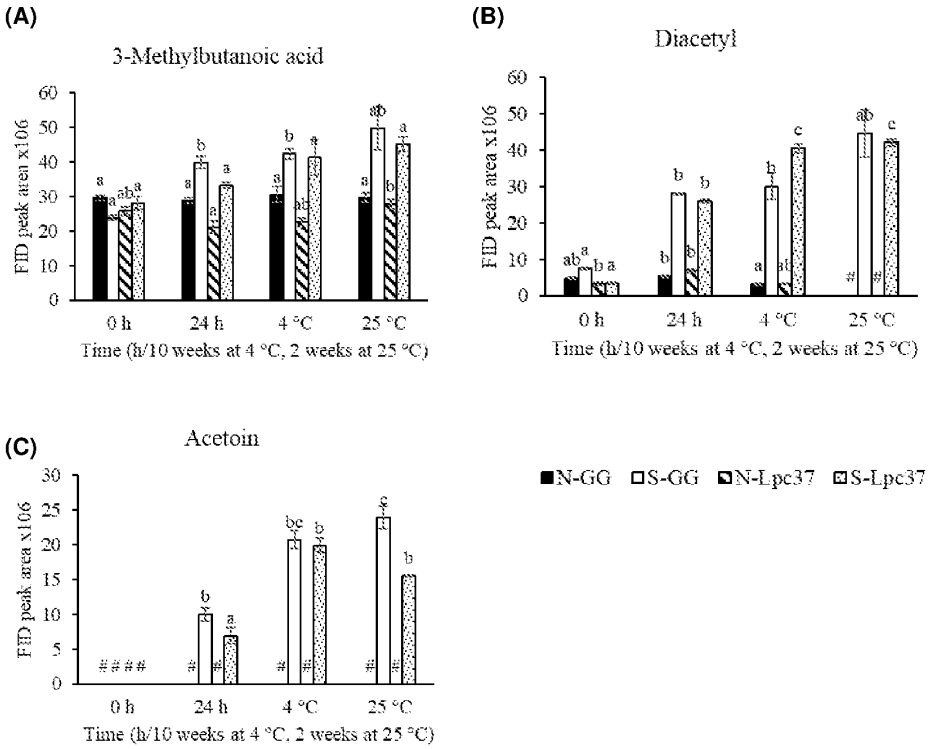


Figure 7

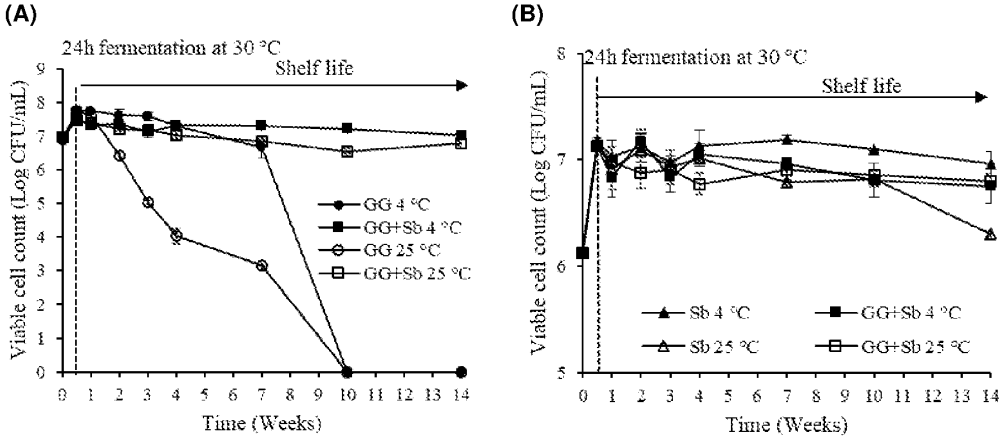


Figure 8

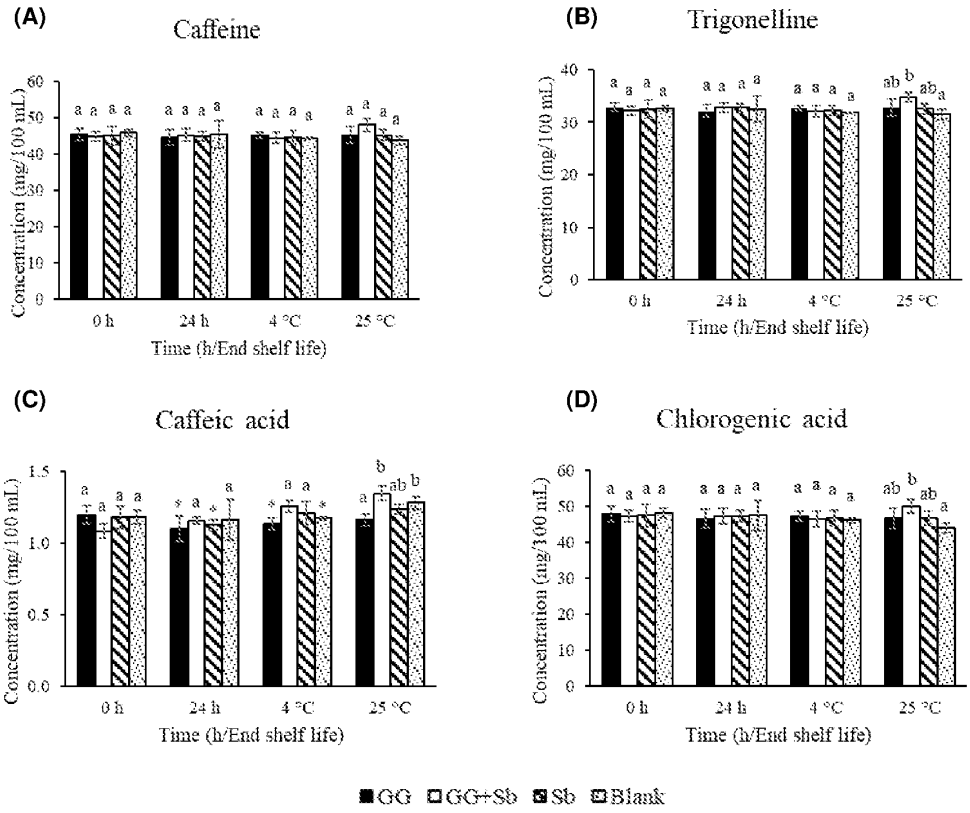


Figure 9

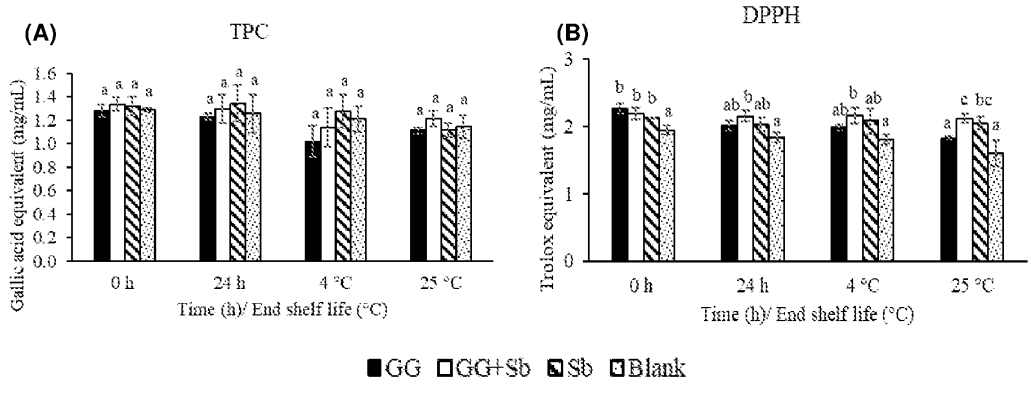


Figure 9 (continued)

(C)

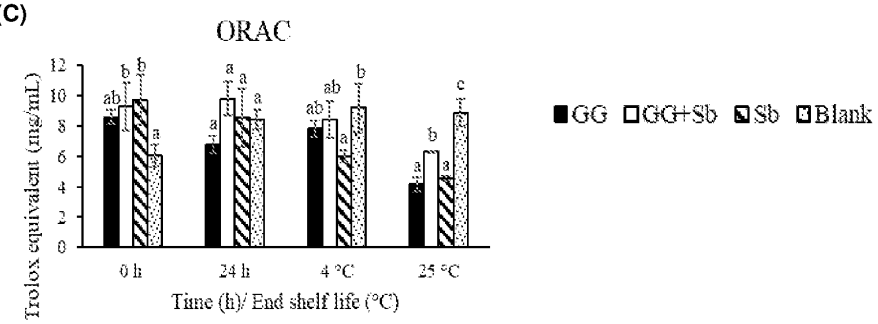
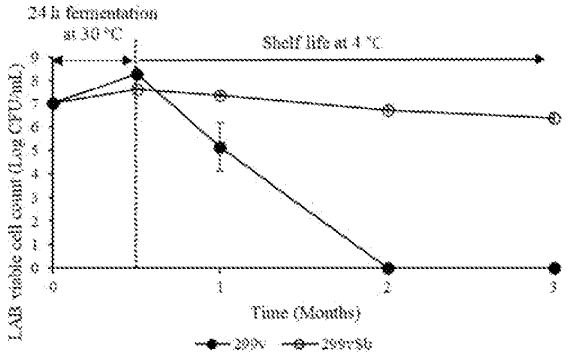


Figure 10

(A)



(B)

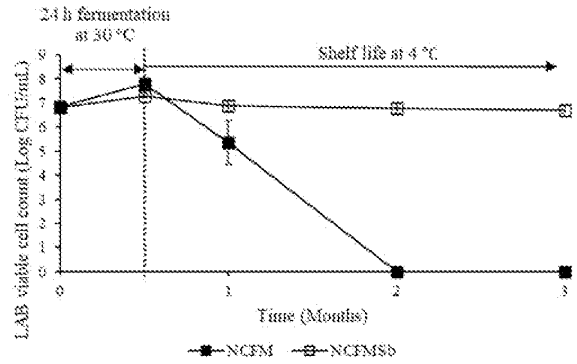
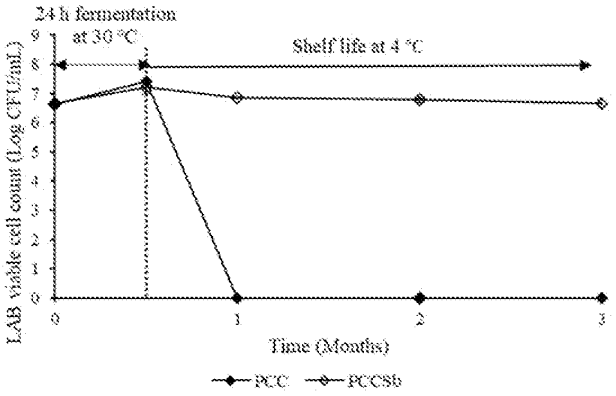
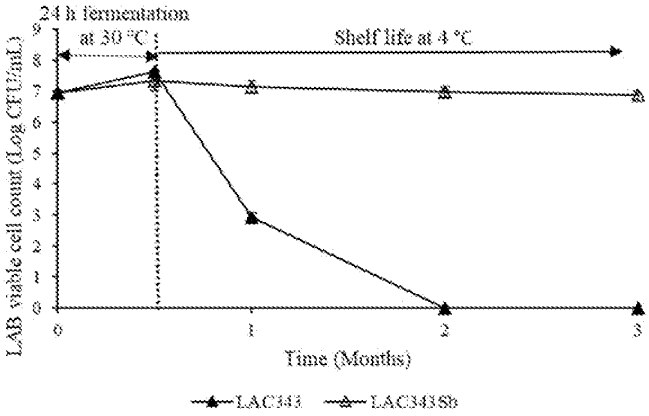


Figure 10 (continued)

(C)



(D)



(E)

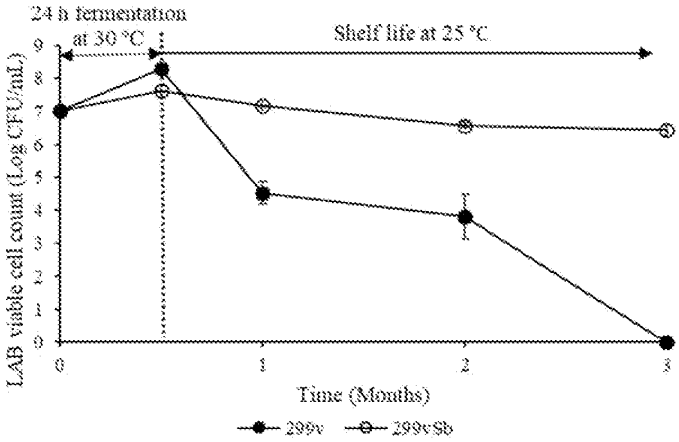
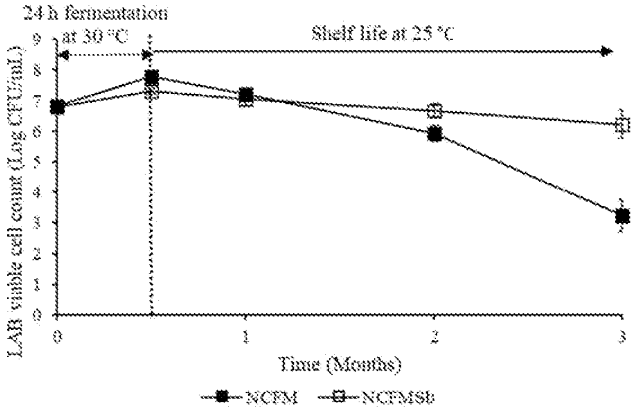
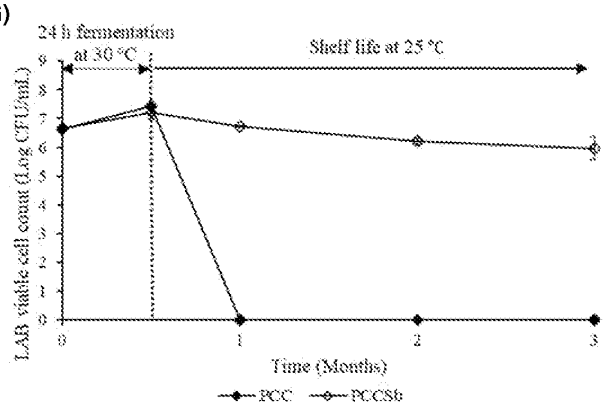


Figure 10 (continued)

(F)



(G)



(H)

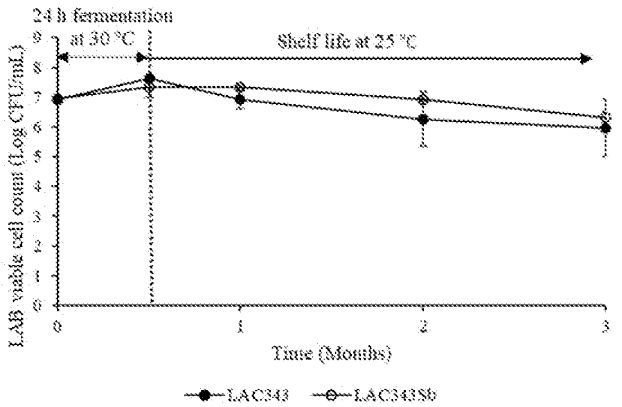
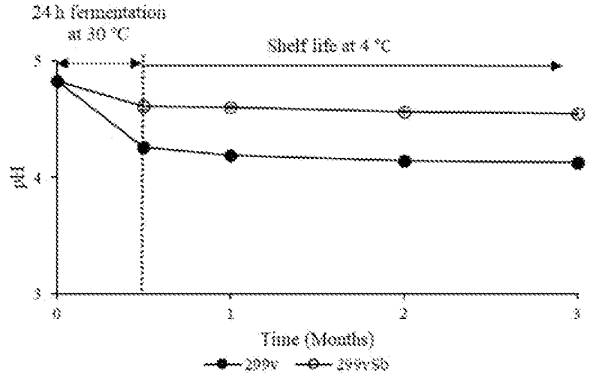
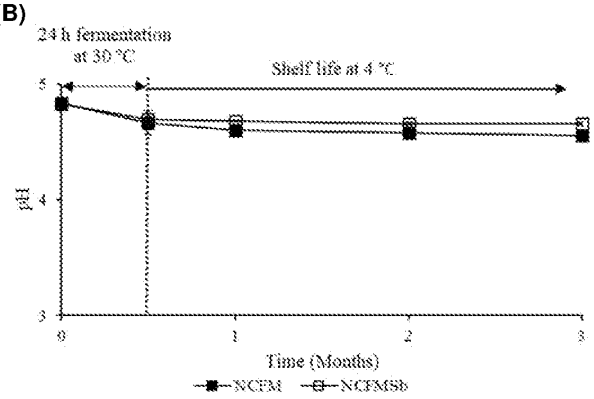


Figure 11

(A)



(B)



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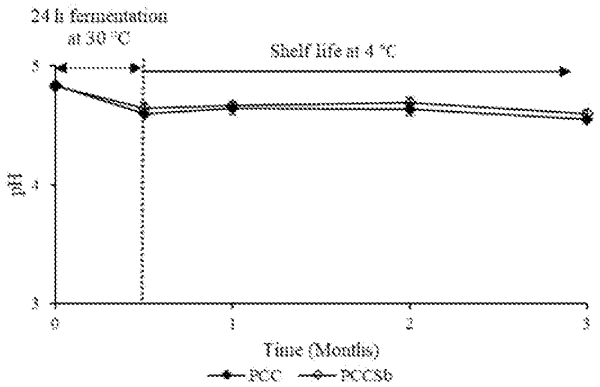
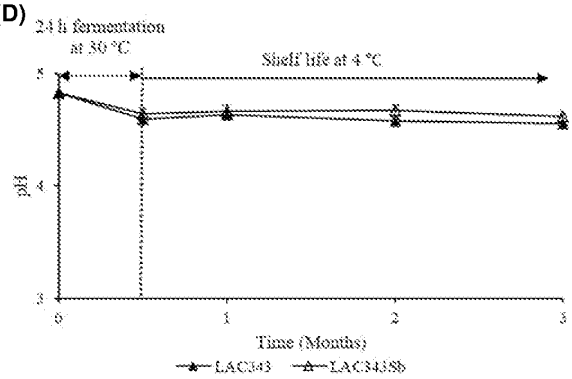
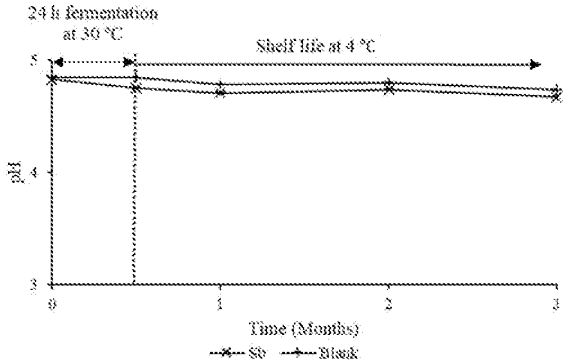


Figure 11 (continued)

(D)



(E)



(F)

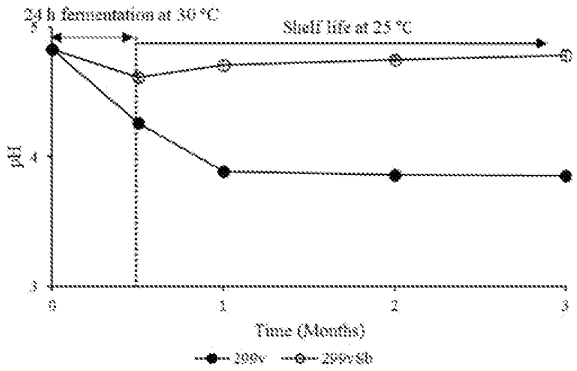
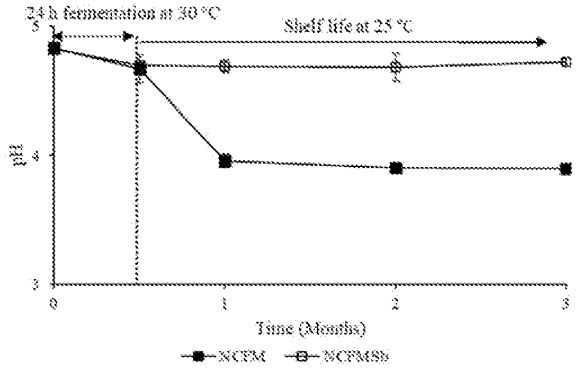
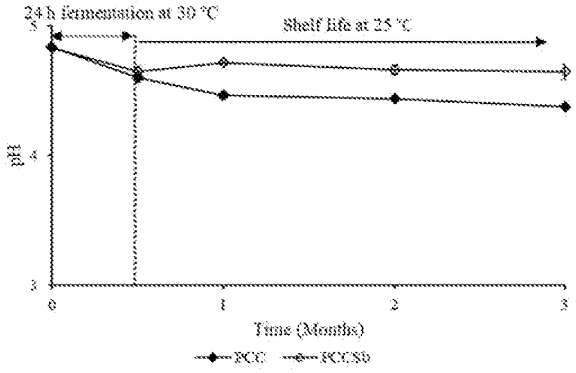


Figure 11 (continued)

(G)



(H)



(I)

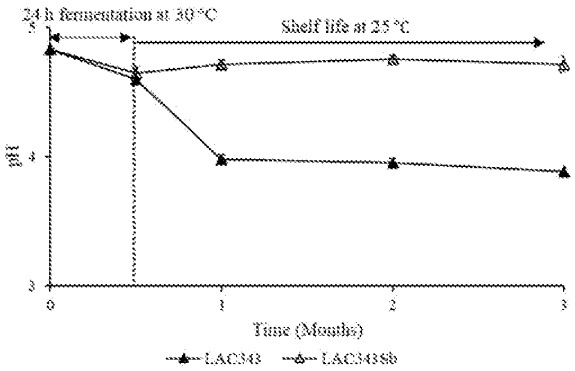


Figure 11 (continued)

(J)

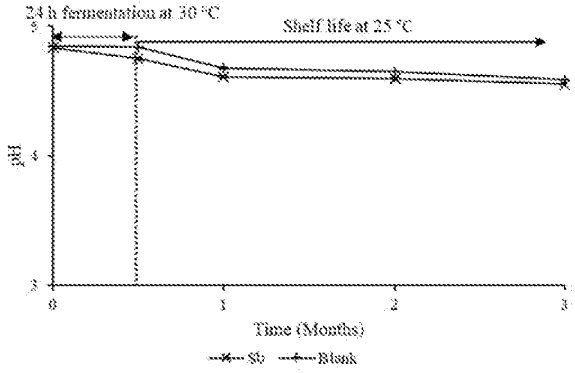


Figure 12

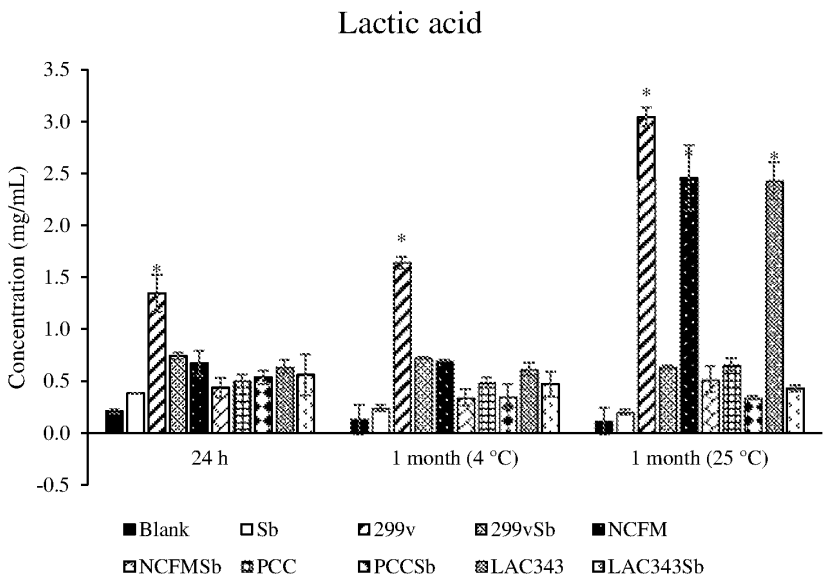
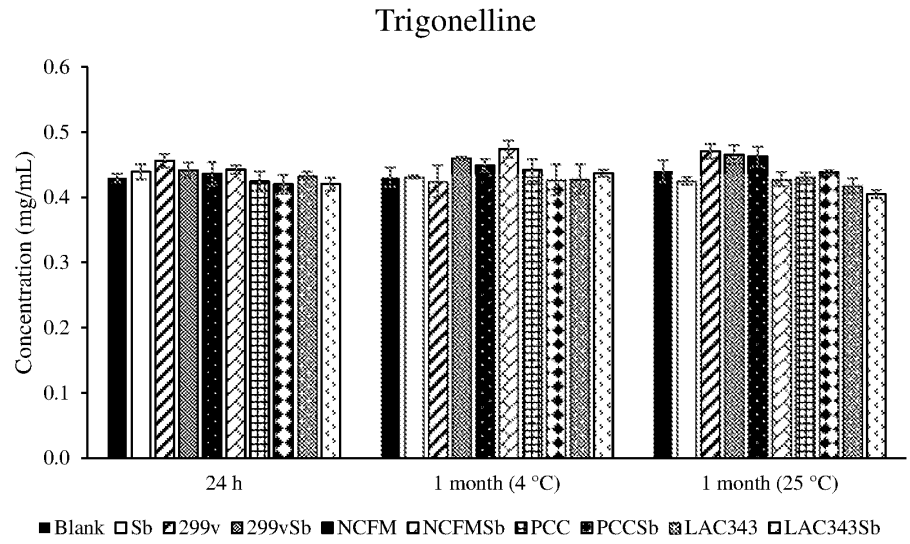


Figure 13


Trigonelline
Concentration (mg/mL)
0.6
0.5
0.4
0.3
0.2
0.1
0.0
24 h
1 month (4 °C)
1 month (25 °C)
Blank Sb 299v 299vSb NCFM NCFMSb PCC PCCSb LAC343 LAC343Sb

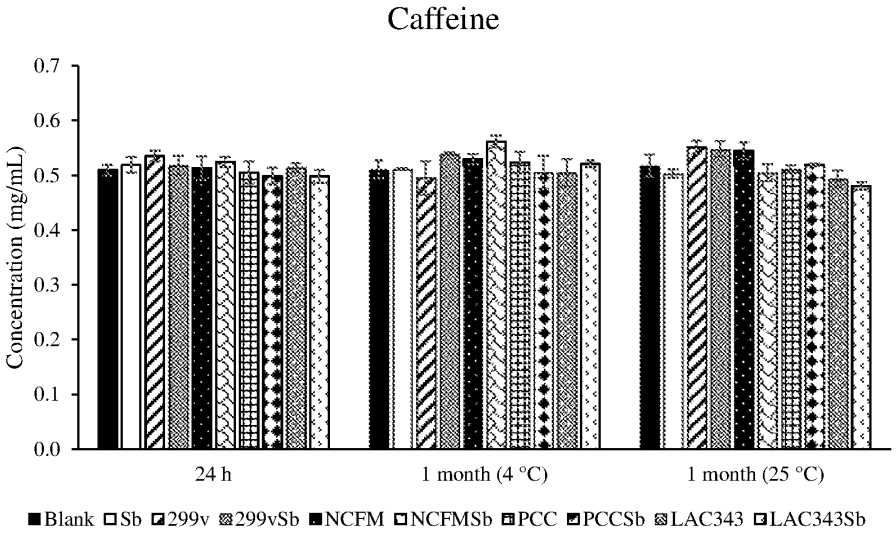

Caffeine
Concentration (mg/mL)
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
24 h
1 month (4 °C)
1 month (25 °C)
Blank Sb 299v 299vSb NCFM NCFMSb PCC PCCSb LAC343 LAC343Sb

Figure 13 (continued)

