

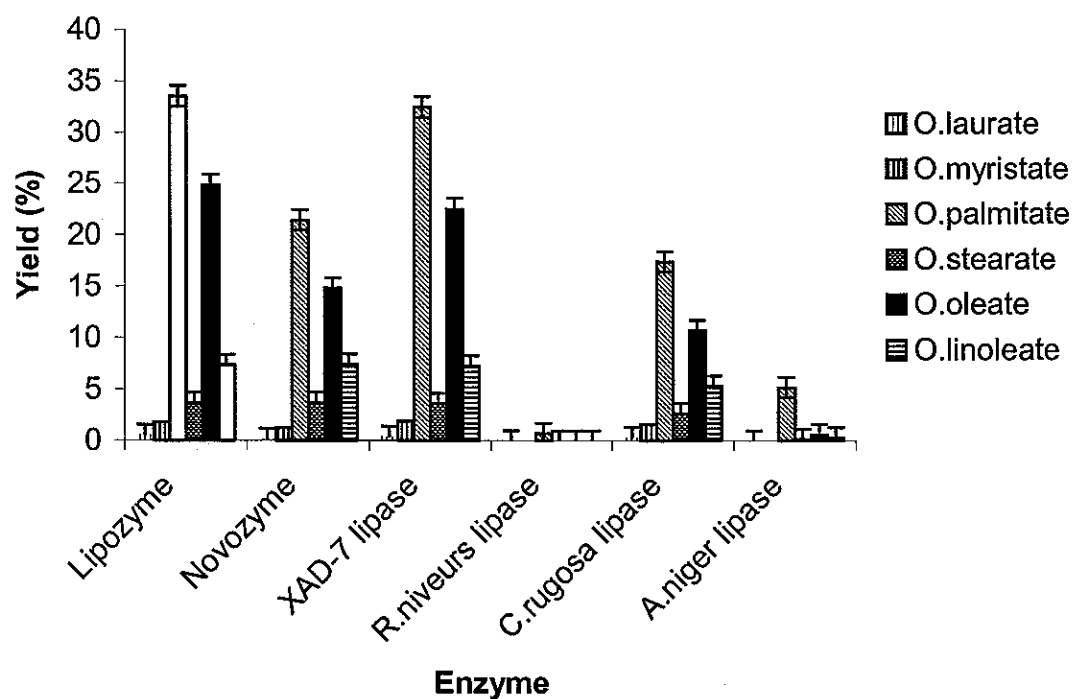


Figure 1
Screening of enzyme

Note : XAD-7 lipase refers to immobilized lipase from *Candida rugosa* .

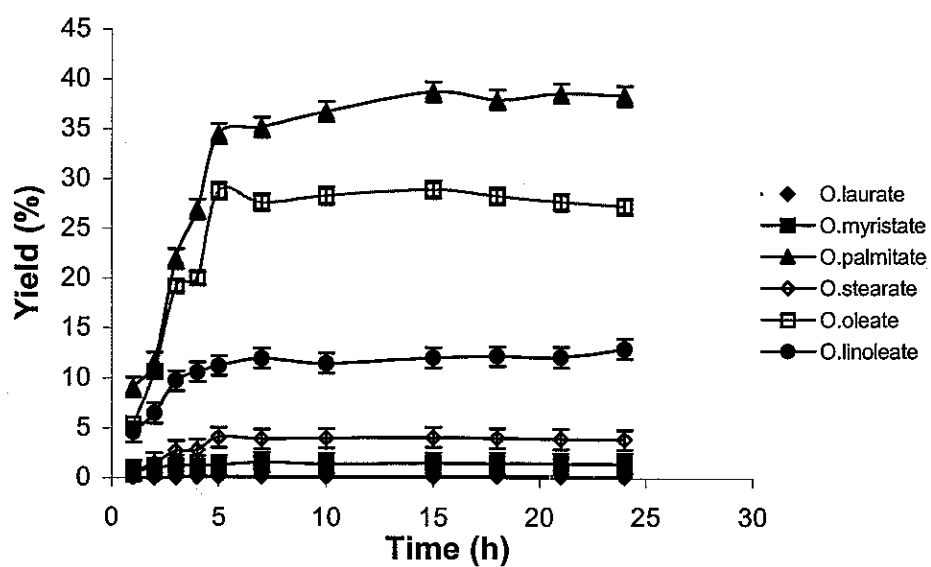
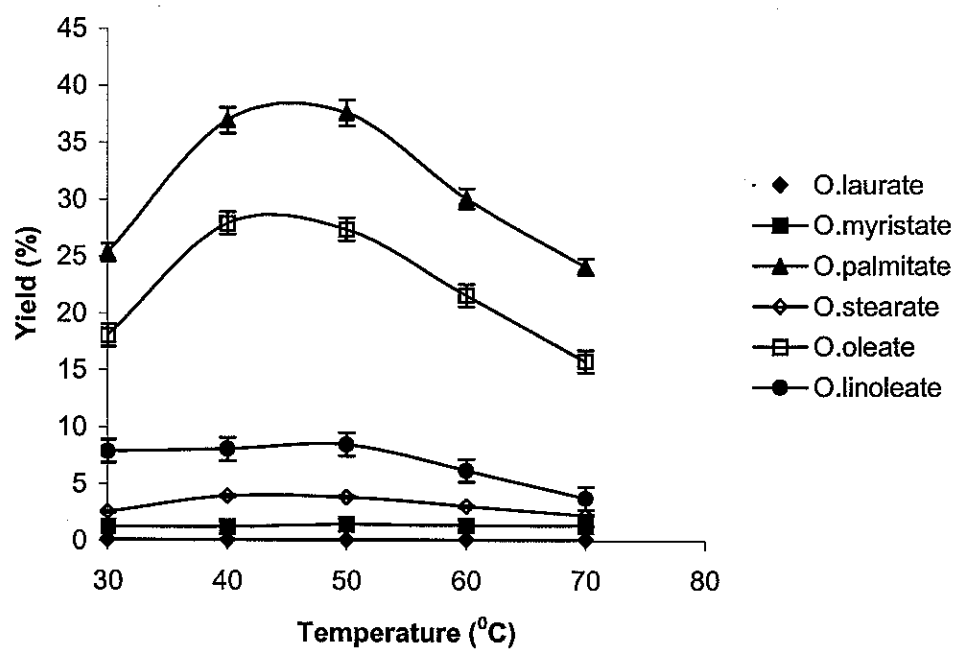
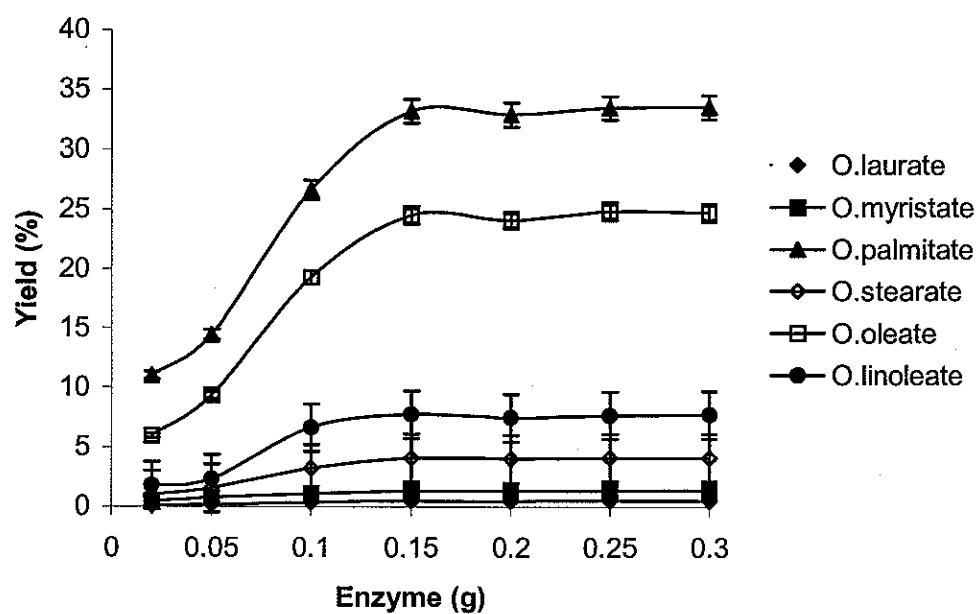


Figure 2

Effect of reaction time on the percentage yield of wax esters

**Figure 3**

Effect of temperature on the percentage yield of wax esters

**Figure 4**

Effect of amount of enzyme on the percentage yield of wax esters

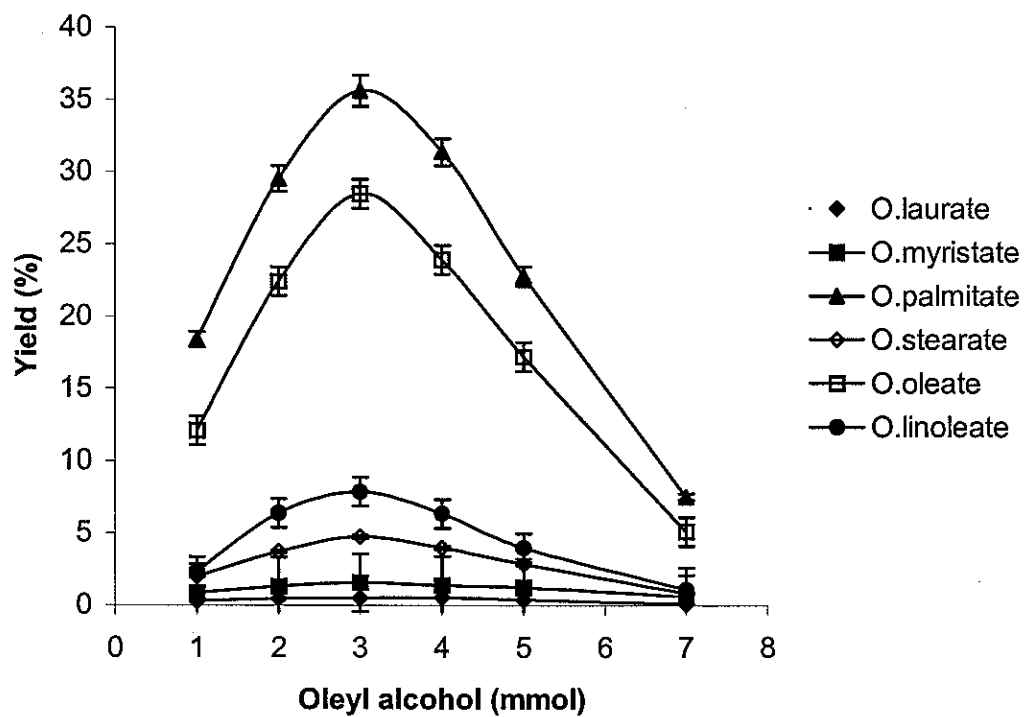
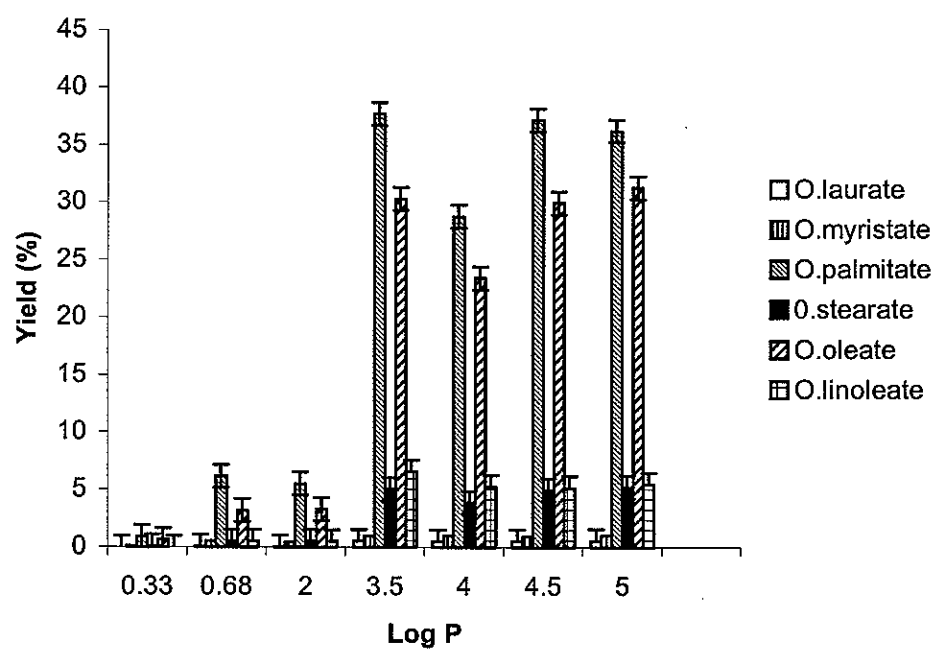


Figure 5

Effect of molar ratio of substrate on the percentage yield of wax esters

**Figure 6**

Effect of various organic solvents on the percentage yield of wax esters

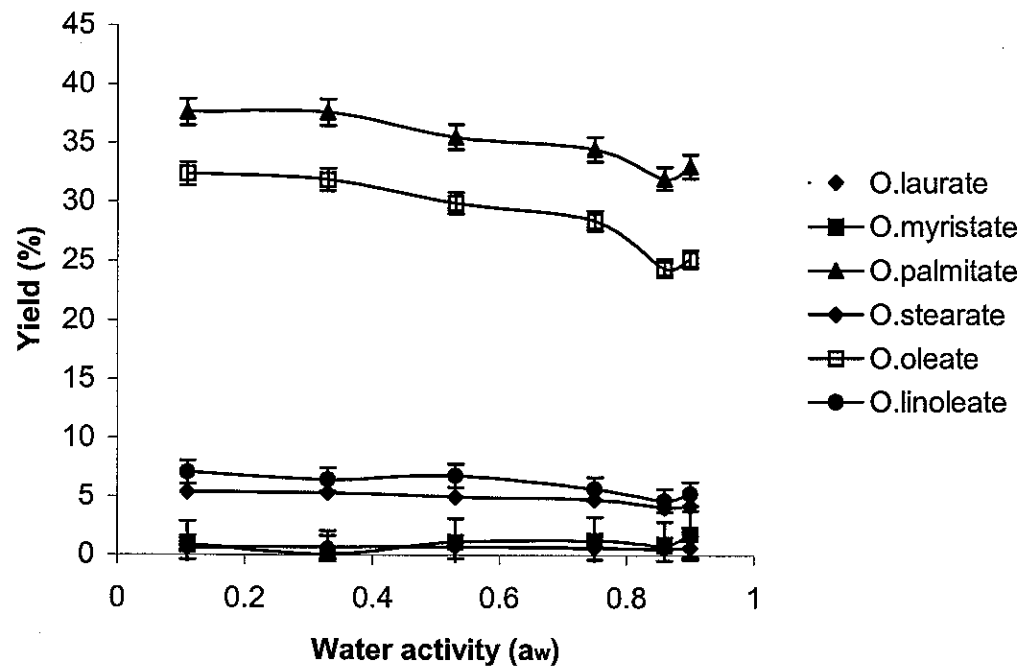


Figure 7

Effect of initial water activity (a_w) on the percentage yield of wax esters