

實驗十 簡單蒸餾

<http://www2.thu.edu.tw/~orglab>

沸點 boiling point (b.p.):

$P_i = P_{atm}$ (for pure substance i) 時測得之溫度

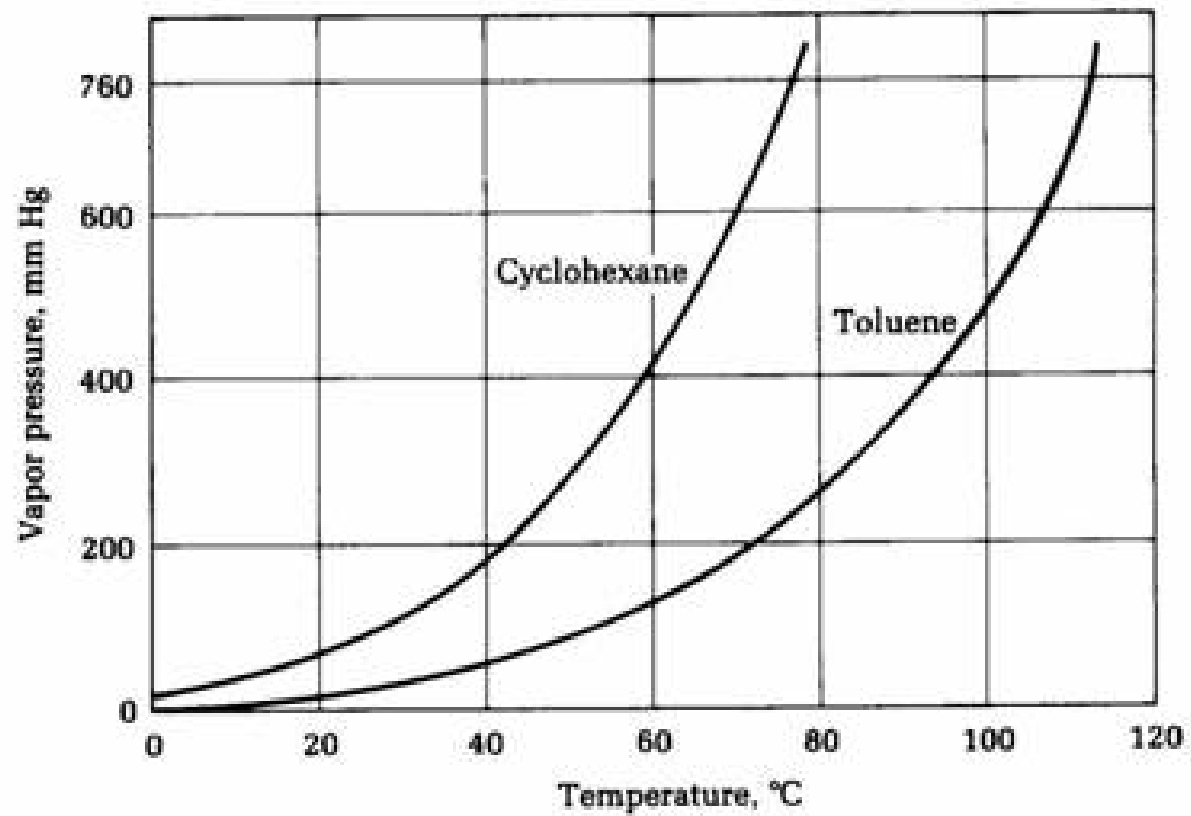
$P_t = P_{atm}$ (for mixture) 時測得之溫度

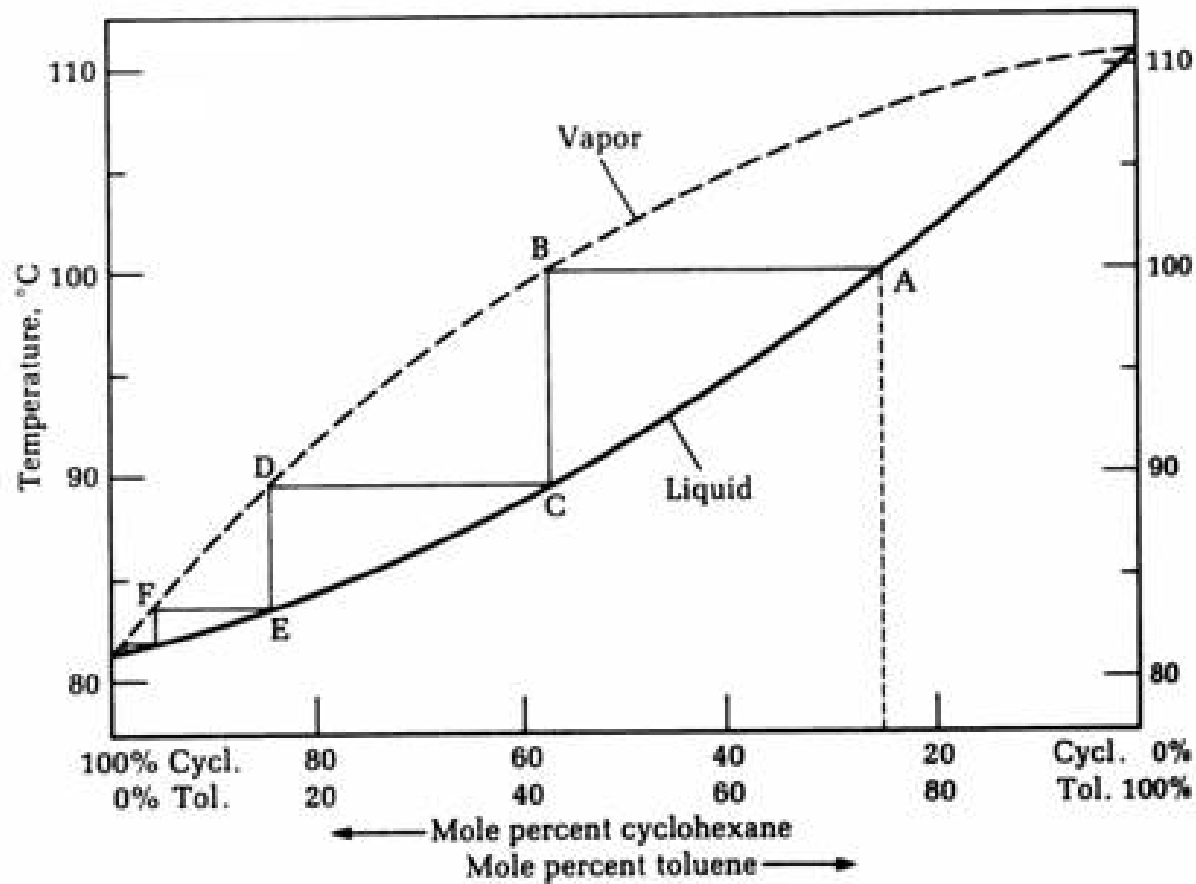
簡單蒸餾實驗操作影片

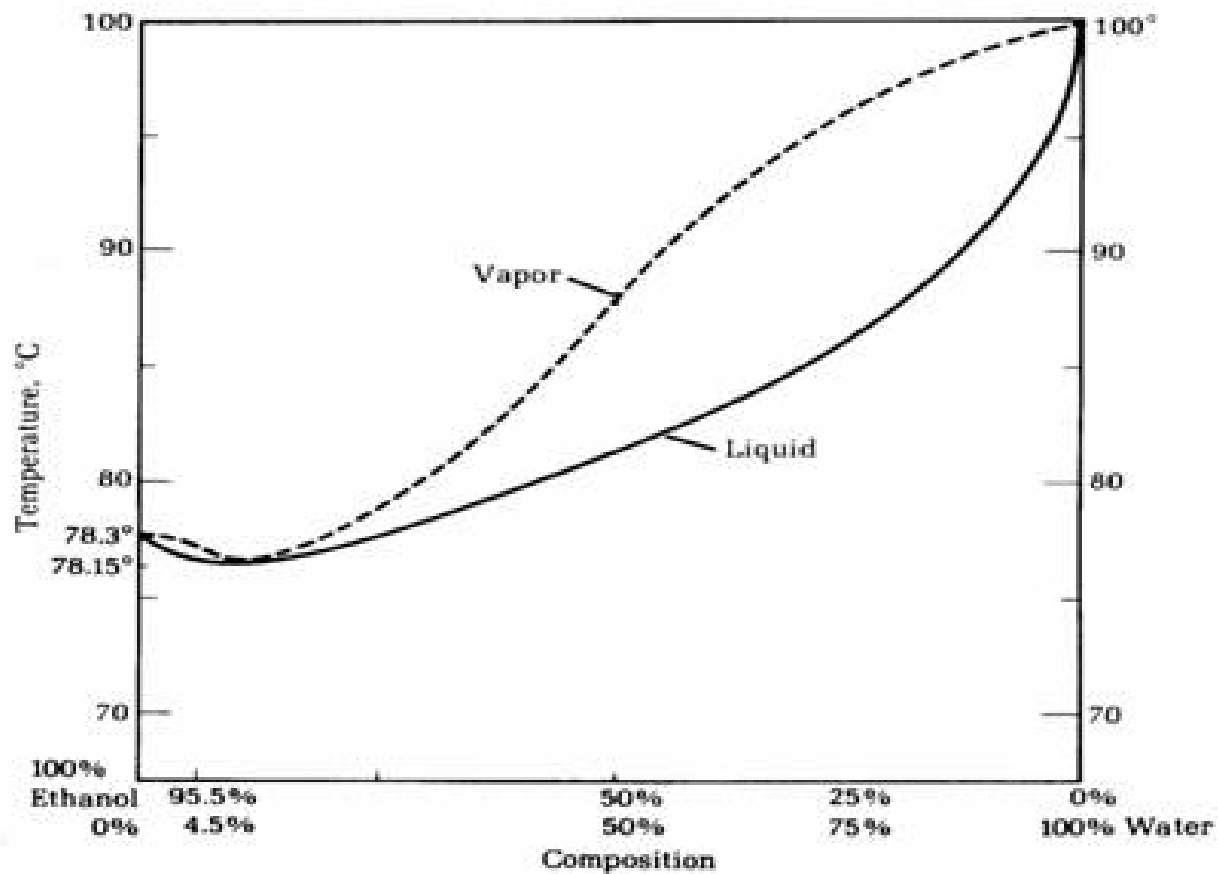
沸點 v.s 氣壓

普通化學實驗

實驗十 簡單蒸餾



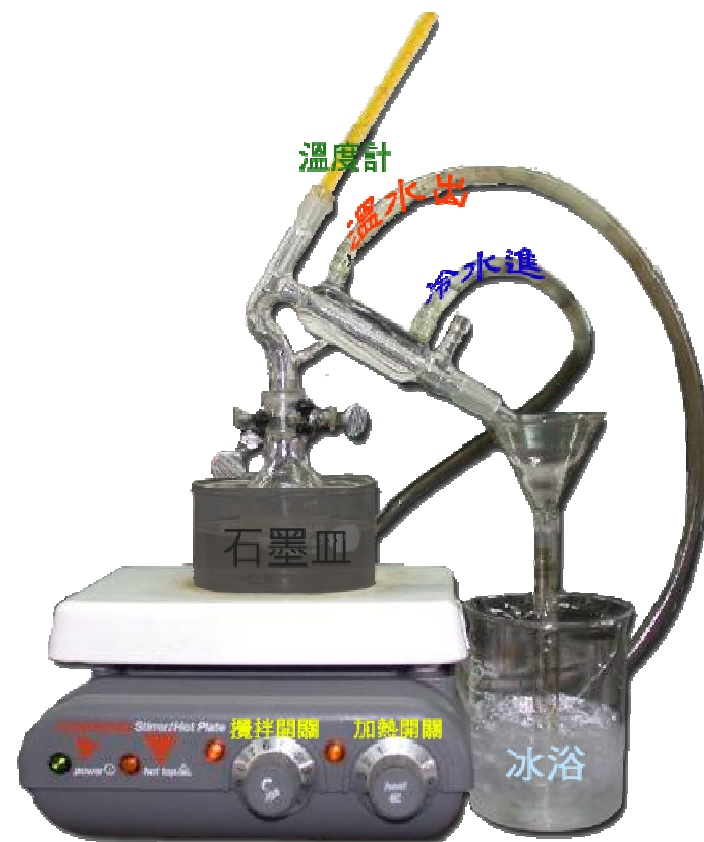
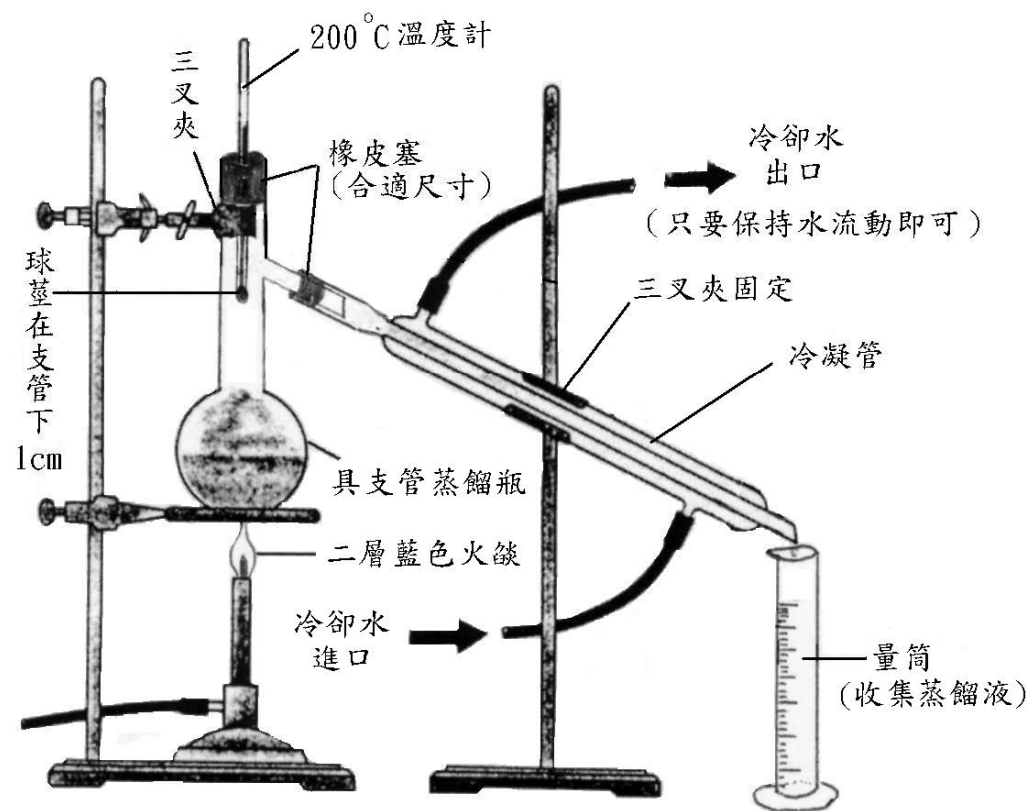




簡單蒸餾裝置

普通化學實驗

實驗十 簡單蒸餾



3mL 2M NaCl_(aq) + 27mL water + 3d ink + stir bar
in 50 mL r. b. flask



distill



adjust the heat until 1 mL/min










record the temp. for each 3 mL of distillate collecting

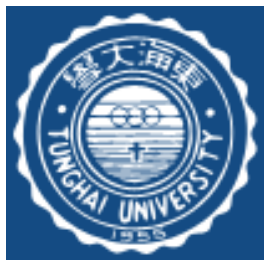


collect 6mLx3 distillate



plot Tb.p. vs V(distillate) (每3mL記錄一次)

A	B	C	D	E	F	G測試
						
<p>各為6mL 餾出液</p>			<p>0.5mL 餾出液 + 3滴 AgNO_3</p>			<p>0.5mL 未 蒸餾液體 + 3滴 AgNO_3</p>



The End !

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