

Discussion >> A colour change was observed only in strong acid – strong base titration : 00 80 00 ٢٠:٥٢ and weak acid–strong base titration (with 0.10 M NaOH), as the working pH range of the indicator falls to the vertical portion of those reactions. >> But when the base is diluted, a colour change was not observed, as the pH range of the beetroot indicator doesn't within the rapid pH change of the reaction. I >> Although a colour change was observed in above two titrations, the most applicable titration is weak acid–strong base titration, because the vertical portion of the reaction shifts upwards. Conclusion >>Working pH range of BEETROOT is pH = 10.80 – 11.20 Acidic RED Basic YELLOW (Above result was obtained on 28" of March 2012 at 11.50 a.m. at B2 102 laboratory under the room temperature 27°C.) >>BEETROOT is a good indicator. But it is not a very suitable indicator for laboratory experiments as It should be prepared at the be experiment is done. The prepared indicator also cannot be kept for a long time as it is a تنزيل حذف فتح وضع علامة > مشاركة