

ASBC Approved Methods: Sugars & Syrups - 7

Calculate fermentable extract by the formulas,

$$\text{Fermentable extract \% , dry basis} = \frac{(p-n) \times 100}{P}$$

$$\text{Fermentable extract \% , as-is} = \frac{(p-n) \times E}{P}$$

Calculation of Fermentable Extract

P = real extract of "10% solution" before adding any nutrients

p = real extract of "10% solution" before fermentation

n = real extract of "10% solution" after fermentation

E = extract in sample

Results

Fermentable extract, dry basis, %

Fermentable extract, as-is, %

Example:

$$\text{Fermentable extract, dry basis, \%} = \frac{(8.980 - 3.464) \times 100}{8.305} = 66.4$$

$$\text{Fermentable extract, as is, \%} = \frac{(8.980 - 3.464) \times 83.3}{8.305} = 55.3$$