

## ASBC Approved Methods Malt – 7

A. Fixed color and variable time method (International Method)  
Calculate  $\alpha$ -amylase units in malt by the formulas,

$$20^\circ \text{ DU (as-is)} = \frac{24}{W \times T}$$

$$20^\circ \text{ DU (dry basis)} = \frac{\text{DU (as is)} \times 100}{100 - M}$$

### Alpha Amylase – International Method

M = moisture in malt, %

W = malt in aliquot of infusion (g)

T = min to obtain dextrinization

#### Results

20° DU (as-is)

20° DU (dry basis)

Example:

$$20^\circ \text{ DU (as-is)} = \frac{24}{0.05 \times 14} = 34.3 = 34.5$$

$$20^\circ \text{ DU (dry basis)} = \frac{34.5 \times 100}{100 - 4.1} = 35.8 = 36.0$$