

## ASBC Approved Methods Wort – 17

Calculate the wort protein (% malt, dry basis) with the formula:  
Wort protein (% of malt, db)

$$= a + b \times \frac{(A_{215} - A_{225}) \times 100}{100 - M}$$

### Protein In Unhopped Wort By Spectrophotometry

a = Y intercept from the regression equation calculation under linear calibration

b = response factor (slope) from the regression equation calculated under linear calibration

A<sub>215</sub> = absorbance of diluted wort at 215 nm

A<sub>225</sub> = absorbance of diluted wort at 225 nm

M = percent moisture in the malt from Malt-3

### Result

Wort protein (% of malt, db)

Wort protein (% of malt, db)

$$= -0.735 + \left[ 13.77 \times \frac{(1.006 - 0.587) \times 100}{100 - 5.3} \right]$$

$$= 5.36$$