

ASBC Approved Methods Beer – 11A

A. By Kjeldahl

Report protein in beer, by wt, to two decimal places.

$$\text{Beer protein, \% by wt} = \frac{(B-T) \times 0.0014 \times 6.25 \times 100}{25 \times \text{sp gr}}$$

$$= \frac{(B-T) \times 0.875}{25 \times \text{spgr}}$$

$$= \frac{(B-T) \times 0.035}{\text{sp gr}}$$

Report Protein in Beer

B = mL of 0.1N NaOH used to back titrate (blank)

T = mL of 0.1N NaOH used to back titrate (sample)

Beer sp gr

Results

Beer Protein, % by wt

$$\begin{aligned} \text{Beer protein, \% by wt} &= \frac{(24.62 - 14.53) \times 0.035}{1.01154} \\ &= 0.35 \end{aligned}$$