

ASBC Approved Methods Brewers' Grains – 3B

B. On sample after preliminary drying

Calculate loss in weight of **predried sample** to percentage (W) using formula under A (Calculations). Calculate moisture of **original wet grains** by the formula,

$$M = \frac{WD + 100(G - D)}{G}$$

Moisture – After Preliminary Drying

G = wt of original wet grains before preliminary drying

D = wt of original wet grains after preliminary drying

wt of air-dried grains used for complete drying

wt of completely dried grains

Results

loss of weight in air-dried grains

W = moisture % in air-dried grains

M = moisture % in original wet grains

$$M = \frac{(12.6 \times 210.5) + 100(1,097.4 - 210.5)}{1,097.4}$$
$$= 83.2\%$$