

ASBC Approved Methods Brewers' Grains – 5B

B. Dry brewers' grains – On sample in wet condition, pressure method
Follow method / above, but calculate soluble extract by the following formulas,

Soluble extract in dry brewers' grains, as-is, %

$$= \frac{P \times (1,600 + M)}{100 - P}$$

Soluble Extract – Dry Brewers' Grains

P = °Plato (g extract in 100 g wort)

M = moisture in air-dried grains, %

Results

Soluble extract in dry grains, as-is %

Soluble extract in dry grains, dry-basis

Soluble extract in dry brewers' grains, as-is, %

$$\begin{aligned} &= \frac{0.424 \times (1,600 + 5.8)}{100 - 0.424} \\ &= 6.8 \end{aligned}$$

Soluble extract in dry brewers' grains, dry basis, %

$$\begin{aligned} &= \frac{6.8 \times 100}{100 - 5.8} \\ &= 7.2 \end{aligned}$$