

ASBC Approved Methods Brewers' Grains – 5 (3)

3. Wet brewers' grains – On sample in wet condition, pressure method
Calculate soluble extract by the following formulas,

Soluble extract in wet grains, as-is, %

$$= \frac{PM}{100 - P}$$

Soluble extract in wet grains, dry basis, %

$$= \frac{100 PM}{(100 - P) \times (100 - M)}$$

Soluble Extract – Pressure Method

P = °Plato (g extract in 100 g wort)

M = moisture in wet grains, %

Results

Soluble extract in wet grains, as-is, %

Soluble extract in wet grains, dry-basis

Soluble extract in wet grains, as-is, %

$$\begin{aligned} &= \frac{(0.476 \times 79.8)}{100 - 0.476} \\ &= 0.38 \end{aligned}$$

Soluble extract in wet grains, dry basis, %

$$\begin{aligned} &= \frac{100 \times 0.476 \times 79.8}{(100 - 0.476) \times (100 - 79.8)} \\ &= 1.9 \end{aligned}$$