

ASBC Approved Methods Brewers' Grains – 5 (2)

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

Soluble extract, as-is, %

$$= \frac{P \times (M + 350)}{100 - P}$$

Soluble extract, dry basis, %

$$= \frac{100 \times E}{100 - M}$$

Soluble Extract – Mashing Method

P = °Plato (g extract in 100 g wort)

M = moisture in content of grains, %

Results

E = soluble extract, as-is, %

Soluble extract, dry-basis, %

Soluble extract, as-is %

$$= \frac{0.18 \times (80.2 + 350)}{100 - 0.18}$$
$$= 0.78$$

Soluble extract, dry basis, %

$$= \frac{0.78 \times 100}{100 - 80.2}$$
$$= 3.9$$