

ASBC Approved Methods Beer – 6B

B. Real degree of fermentation

Calculate real degree of fermentation (RDF) of beer by the formula:

$$\text{RDF, \%} = \frac{100(O - E)}{O} \times \frac{1}{1 - (0.00516 \times E)}$$

Real Degree of Fermentation

O = extract, original wort, °Plato

E = real extract, %

Result

RDF, %

Extract, original wort = 11.7°Plato.

Real extract of beer = 4.62%.

$$\begin{aligned} \text{RDF, \%} &= \frac{100(11.7 - 4.62)}{11.7} \times \frac{1}{1 - (0.005161 \times 4.62)} \\ &= 62.0 \end{aligned}$$