

ASBC Approved Methods: Sugars & Syrups - 5

Calculate the % extract in sample using the formula,

$$\text{Extract, \%} = (P \times B \times 500) / W$$

Calculate the % extract

P = extract, % (°Plato) of "10% solution"

B = specific gravity of "10% solution"

W = wt of sample used (g)

Result

Extract, % (°Plato)

Example:

$$\begin{aligned} \text{Extract, \% (°Plato)} &= (8.305 \times 1.03305 \times 500) / 51.476 \\ &= 83.3 \end{aligned}$$