

ASBC Approved Methods: Sugars & Syrups - 13

Calculate diastatic power as-is by the formula,

$$\text{Diastatic power} = \frac{250,000 \times B}{A^2 \times W}$$

Calculate diastatic power

A = mL digested starch solution required for titration of Fehling's solution

B = mL digested starch solution required for blank correction titration

W = wt of syrup used to prepare "10% solution"

Result

Diastatic power

Example:

$$\begin{aligned} \text{Diastatic power} &= \frac{250,000 \times 29.7}{33.7 \times 33.7 \times 49.35} \\ &= 132 \end{aligned}$$