

## ASBC Approved Methods: Wort 21

Calculate the Thiobarbituric Acid Index by the formula,

$$\text{TBI (no units)} = (\text{EH} - \text{EL}) \times 10 \times \text{F}$$

### Calculate the Thiobarbituric Acid Index

EH = absorbance of sample (average of the three samples)

EL = average absorbance of blank

F = dilution factor

Note: Normal Values (light wort during boil) = <45, Cold wort = <60 for lagers. Expect higher values with brews using dark malts.

#### Result

Thiobarbituric Acid Index

Example:

$$\begin{aligned} \text{TBI} &= (1.515 - 0.0912) \times 10 \times 10 \\ &= 142.33 \end{aligned}$$