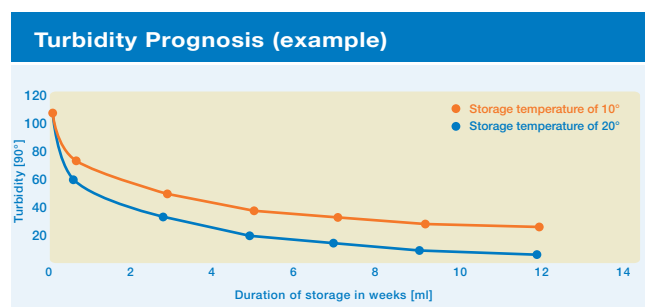
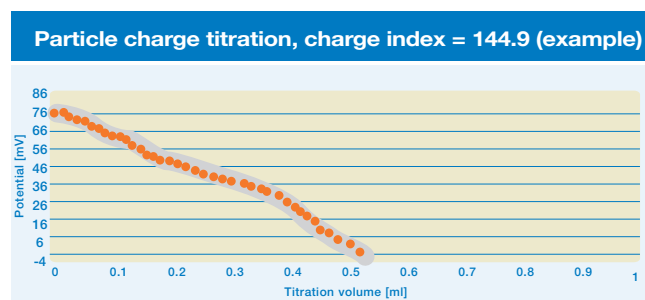
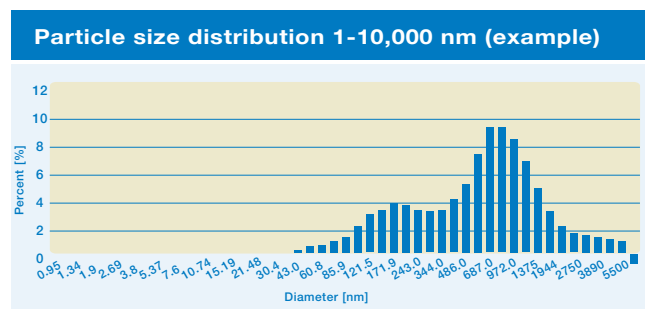




Analysis Package for Stability in Wheat Beer

Haze as a quality attribute for wheat beer

Haze stability is a key indicator of quality in wheat beer. In a freshly dispensed wheat beer, consumers expect uniform natural cloudiness and lasting foam. For this reason – especially in light of the growing market for wheat beer – ensuring a consistent level of turbidity, or haze as it is known, is becoming increasingly important. In order to predict the haze characteristics of a wheat beer, the Weihenstephan Research Center for Brewing and Food Quality is now offering a new analysis package. It not only enables breweries to assess the haze levels in their products but also reveals potential consequences that any changes in production technology may have on haze stability.



Scope of the Analysis

Initial turbidity, unshaken		Prognosis for turbidity	Unit
Initial turbidity, shaken	Unit	Storage temperature 20°C	
90° measurement	EBC	below 20 EBC	days
25° measurement	EBC	below 10 EBC	days
Index 25°/90°		Storage temperature 10°C	
Photometric Iodine Value Supernatant	Unit	below 20 EBC	days
Yeast cell count	Absorbance	below 10 EBC	days
Particle charge titration	Mio./ml	Protein Content	Unit
Titration volume	ml	Remaining coagulable nitrogen	mg/100ml
Particle size distribution	Unit	Potential for chill haze	Unit
< 100 nm	%	24 h at 8°C	EBC
< 200 nm	%	24 h at 4°C	EBC
200-1000 nm	%	24 h at 0°C	EBC

What are the benefits of this package?

In addition to the routine standard analysis conducted by our accredited laboratory, with the help of the turbidity prognosis analysis, it is possible to obtain a timely prediction of the haze stability expected for a given beer.

Furthermore, this package offers the option of testing beer samples for particles of the sizes relevant for turbidity. Using these analysis results, any potential haze problems can be solved more easily.

Performance Package

The service package "Stability in Wheat Beer" comprises the following:

- Routine standard analysis
- Testing for particles of the sizes relevant for turbidity
- Prognosis for turbidity
- Analysis results graphically edited
- Interpreted by experts

For information on current pricing, please consult the List of Services and Fees on our website: www.blq-weihenstephan.de

