



Technical Data Sheet

CLARIFIERS & STABILIZERS

ATPGroup GTF[®]

Description

ATPGroup GTF[®] is a premium, highly purified, natural gallotannin preparation developed specifically for fermentation and filtration applications. It is designed to improve both colloidal stability and flavor stability through the selective removal of haze-sensitive proteins and catalytic metal ions. **ATPGroup GTF[®]** reacts selectively with haze-forming proteins, particularly proline-rich proteins, while preserving foam-positive proteins. It can be used in fermentation, maturation, and final filtration. **ATPGroup GTF[®]** assists in producing beers with improved shelf life, enhanced filtration performance, reduced oxidation potential, and excellent foam retention.

Properties

Appearance	Light yellow powder
Active Component	≥ 99% Gallotannins on dry matter ≤ 0.10% Gallic acid
Moisture Content	≤ 7%
Odor	Mild characteristic
Solubility	Water dispersible
Country of Origin	Italy

Use

ATPGroup GTF[®] is suitable for addition to fermenter at start of fermentation or dosed proportionally during transfer from primary to secondary and just prior to entry into a separator. Settling time @ -1.5 °C is 24–36 hrs and if cooling @ 5 °C to 0 °C is 96–120 hrs. If addition point is in filtration, dose proportionally into the beer stream prior to filter body feed. Optimal temperature during filtration is -1.5 °C to -0.5 °C and the reaction with unstable proteins and heavy metal ions takes place in seconds. Resulting complexes are removed by separator or filter bed.

Dosage & Addition

Rate: Fermentation / Maturation 1.5–6.0 g/hL (high adjunct beers lower dose, all malt beers higher dose)
Final Filtration / Separation 0.5–1.5 g/hL (added prior to filter body feed or entry into final separator)
Dissolve the product in 10 parts clean, chlorine-free de-aerated water and add to the fermenter, or proportionally to beer, post separator, on the way to the maturation tank or to the filter. Blanket prepared solutions with CO₂.

Storage and Shelf Life

Store in the original package in a cool and dry environment for up to 5 years. Carefully reseal in case of remaining product. The integrity of the product is guaranteed only if it is stored as indicated in this Technical Data Sheet.

Packaging

ATPGroup GTF[®] is available in a 20 kg box in polyliner bag and 1 kg mylar resealable pouches.

Product for Brewing Use Only

Non-GMO, allergen-free

Please refer to the SDS for safe handling requirements.