



Technical Data Sheet

HAZE STABILIZERS

ATPGroup GTH[®]

Description

ATPGroup GTH[®] is a premium, highly purified, natural gallotannin preparation developed specifically for brewing applications. It is designed to improve and aid stable haze formation particularly in hazy beer styles such as New England IPAs (NEIPAs), Hefeweizens and Witbiers. Unlike fining agents that remove haze, **ATPGroup GTH[®]** promotes a permanent, stable haze by binding with haze-forming proteins naturally present in the beer. These protein-polyphenol complexes remain suspended rather than settling out, giving hazy beer styles a consistent, attractive appearance throughout their shelf life. **ATPGroup GTH[®]** also functions as a natural antioxidant by scavenging beer-staling free radicals and transition metals that catalyze oxidation.

Properties

Appearance	Light yellow powder
Active Component	≥ 97% gallotannins on dry matter
Moisture Content	≤ 7%
Odor	Mild characteristic
Solubility	Water dispersible
Country of Origin	Italy

Use

ATPGroup GTH[®], in solution, is suitable for addition to fermenter at start of fermentation, during transfer from primary to secondary, and post separator if your process includes a separator. It is important that the solution is added proportionally and mixed well. Cold conditioning at -1.5 °C for 48 hours is recommended for creating stable haze. Do not add as powdered product, always slurry. Do not add slurry to wort in whirlpool or use in conjunction with protease enzymes.

Dosage & Addition

Rate: Fermentation / Maturation 3.0–6.0 g/hL

Haze formation is dependent upon the amount of protein in the beer. Higher protein levels require less **ATPGroup GTH[®]**. It is highly recommended that optimization trials are conducted on each beer stream treated. Excessive dosing can potentially cause flocculation and clarification instead of haze.

Dissolve in 20 parts clean, chlorine-free, hot water (40–60 °C) and add proportionally on the way to the fermenter, or proportionally to beer, post separator, on the way to the maturation tank. 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 GTH[®] is available in a 25 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.