

NATUPAP™ NP

An Efficient Solution for Brewery Industry



Catalysts

making things happen...

Natupap NP is an optimum blend of purified papain. Papain is extracted from the fruit of papaya tree named *Carica papaya*. It is collected by trapping the unripe fruit, drying and then purifying the latex.

BENEFICIARY FUNCTIONS

- Broad substrate specificity
- Capable of hydrolyzing small peptides as well as large proteins
- Increase filtration efficiency by reducing complex protein molecules
- Does not affect foam proteins
- Prevent chill haze by reducing protein complex

PRODUCT APPLICATION

Natupap NP is an effective chill profer by degrading the higher molecular weight proteins.

PRODUCT CHARACTERISTICS

Product Composition	Blend of Purified Papain
Occurrence	Powder
Appearance	Light Brownish to Light Yellow

Malt Milling



Malt Mashing



Wort Seperation



Wort Boiling



Hop Recovery



Wort Clarification



Wort Chilling



Aeration & Pitching



Fermentation



Filtration



Storage



Bottle & Cask Filling

NATUPAP™ NP

OPERATING PARAMETERS

Temperature 0 - 4° C (during Maturation period)
pH 5.0-7.0

DOSING

3-6 gm per HL

PACKAGING

Available in 25 Kg HDPE Drums

PRODUCT SHELF LIFE

Below 20°C Minimum shelf life of 6 months

PRODUCT HANDLING

- Enzymes are proteins. Inhalation of dust or aerosols may induce sensitization and may cause allergic reactions in sensitized individuals. Some enzymes may irritate the skin, eyes and mucous membranes upon prolonged contact. The product may create easily inhaled aerosols if splashed or vigorously stirred.
- Spilled product may dry out and create dust. Spilled material should be flushed away with water. Avoid splashing. Left over material may dry out and create dust.
- Wear suitable protective clothing, gloves and eye/face protection
- Contaminated cloths should be properly washed



ISO 9001:2015 Certified | FSSC 22000 Certified

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Certifications:



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