

RossCane HTL - Alpha amylase for sugar industry



RossCane HTL is a bacterial alpha amylase capable of randomly hydrolyzing the predominating alpha - 1,4 glucosidic linkages of starch.

Starch is present in sugarcane at 0.001 to 0.01% level. Starch level greater than 0.05% causes serious operational problems and turbidity in the solution.

PHYSICAL AND CHEMICAL PROPERTIES :

Appearance	: Brown colored liquid.
Solubility	: Soluble in water
Operating pH	: 5.0 -6.0
Operating temp	: 80 -110 °C

BENEFITS :

- Higher filtration rates.
- Higher sugar yield.
- Rapid crystallisation and good quality end product.

DOSAGE :

Recommended dosage is 2- 4 gm per ton of cane. This needs to be optimised depending on substrate and processing conditions.

PACKING :

RossCane HTL is available in 30 kgs packing.

STORAGE :

RossCane HTL should be stored in cool and dry place. However it is recommended to store at 0-4° C and low RH for extended shelf life.

TECHNICAL SERVICES :

Rossari Biotech Ltd, with its skilled technical staff and well equipped laboratories are always ready to help its valued customers who wish to use **RossCane HTL**.



The information and data contained herein has been compiled based on information we believe reliable. Users should thoroughly test all applications and independently conclude satisfactory performance before commercializations, as these recommendations are non-binding. Users assume all liabilities for use of the Products. We are not liable for any advice which we may have failed to give.

ROSSARI BIOTECH LIMITED

(An ISO 9001 : 2008 & 14001 : 2004 Certified Company)

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