

# ANC ENZYME SOLUTIONS PTE LTD

20 Cecil St, #14-01 Equity Plaza, Singapore, 049705 Email: sales@ancenzymes.com

## BrewBG

Thermo Stable Beta-Glucanase

### Technical Information:

BrewBG is a heat stable  $\beta$ -Glucanase derived from a Non-GMO Trichoderma spp. By submerged fermentation. BrewBG has side activities of cellulase and xylanase. BrewBG is a food grade product approved and certified as Kosher and Halal.

### Specification:

- Appearance : Light Brown Powder
- Odour : Normal Fermentation Odour
- Taste : No Specific Taste
- Miscibility : Active Ingredient is completely soluble
- Activity : 28,000 U/g
- Side Activities : Cellulase 3,000,000 u/g; Xylanase 80,000 u/g

(Note: Side activities are for indication purposes only and may vary batch to batch.)

### Operating Conditions:

- Operating Temperature Range : 40 °C – 80 °C
- Operating pH Range : 3.5 – 7.0
- Dosage : The dosage will depend on various processing conditions such as temperature, pH, application, time and nature of adjuncts.

### Advantages:

- Conducts complete hydrolysis of  $\beta$ -Glucans and pentosans
- Improves speed of wort separation and increases beer filtration capacity
- Facilitates downstream processing, reduces consumption of diatomaceous earth
- Better dough development , handling and improves crumb structure in Baking process
- Improves digestibility of raw material in animal feed applications

### Packing:

BrewBG is available in 25Kg Fibre Drums

### Safety:

MSDS is supplied with all products. Safety manual is available on request.

### Storage:

Cool dry conditions and protected from sunlight and direct heat. When stored in original sealed containers at 10-25 °C, the product will maintain its declared activity for a minimum of 6 months.