



## INVERTASE ( $\beta$ -Fructofuranosidase) from yeast (Lot 171001)

**E-INVRT**

**10/17**

(EC 3.2.1.26) beta-D-fructofuranoside fructohydrolase

**1. PURITY:**

Chromatographically purified. Specific activity 300 U/mg on sucrose (1% w/v) at pH 4.5 and 40°C.

**2. CONTAMINANTS:**

$\alpha$ -Galactosidase contamination is less than 0.001%.

**3. PHYSICOCHEMICAL PROPERTIES:**

|                        |           |
|------------------------|-----------|
| pH Optima:             | 4.5       |
| pH Stability:          | 3.5 - 8.0 |
| Temperature Optima:    | 60°C      |
| Temperature Stability: | < 60°C    |

**4. STORAGE CONDITIONS:**

The enzyme is supplied as a solution in 50% glycerol containing BSA (1 mg/mL) and sodium benzoate (0.2%) as stabiliser and preservative. The enzyme should be stored at -20°C.

The concentration of enzyme as supplied is approximately 2,000 U/mL.