

**Invertase from Candida sp.**

**Product Code:** 172645

**EC no:** 3.2.1.26

---

**SKU:** 172645

**Category:** [Enzymes](#)

## PRODUCT DESCRIPTION

### SPECIFICATIONS:

#### EC 3.2.1.26

**Product name:** β-D-fructofuranoside fructohydrolase

**Appearance:** white amorphous powder lyophilized

**Activity:** Grade I, 100.0 U/mg-solid or more (containing approx.70% of stabilizers)

**Stabilizers:** KH<sub>2</sub>PO<sub>4</sub>

**Stability:** Stable at - 20 °C for at least 12 months

**Molecular weight:** Approx. 260,000

**Michaelis constants:** 1.5×10<sup>-2</sup>M (Saccharose)

**Structure:** Glycoprotein containing ca. 50% of carbohydrates

**Optimum pH:** 3.5 – 4.0

**Optimum temperature:** 60 - 70°C

**pH Stability:** pH 4.0 – 6.0 (50°C, 10min)

**Thermal stability:** Below 60 °C (pH 4.5, 10min)

**Activity:** The enzyme hydrolyzes saccharose and raffinose, but does not hydrolyze inulin and melezitose.)