



INVERTASE (β -Fructofuranosidase) from yeast (Lot 100201d)

E-INVPD-2G

03/21

(EC 3.2.1.26) beta-D-fructofuranoside fructohydrolase

1. PURITY:

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

2. CONTAMINANTS:

Activity	Substrate	Contamination (%)
α -Galactosidase	<i>p</i> -nitrophenyl α -galactoside	< 0.001%
β -Galactosidase	<i>p</i> -nitrophenyl β -galactoside	< 0.001%
α -Glucosidase	<i>p</i> -nitrophenyl α -glucoside	< 0.001%
α -Glucosidase	maltose (2% w/v)	< 0.001%
β -Glucosidase	<i>p</i> -nitrophenyl β -glucoside	< 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 freeze-dried powder. It should be stored in the presence of dessicant below -10°C.

Allow to warm to room temperature in the presence of dessicant before opening the bottle. Once dissolved, the enzyme can be stored below -10°C.