

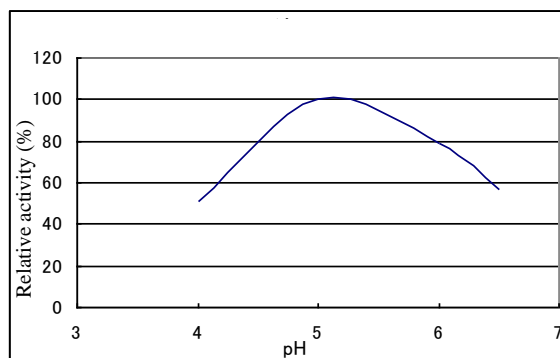
There is a possibility of changing the 'Code' and/or 'Lot No.'
 'Protein conc.' and 'Activity' might vary between lots.

Data sheet

Enzyme	;	β-Glucosidase HT1
Code	;	BGL-54-01
Lot No.	;	0-H9013
Protein conc.	;	7.6 mg/ml
Volume	;	1 ml
Form	;	20 mM AcONa (pH 6.0), 10 mM NaCl, 1 mM DTT
Storage	;	-20 °C <i>*Avoid the freeze and thaw.</i>
Activity	;	109 U/ml
Notes	;	For research use only.

Activity measurement

Reaction mix (1 mM 4-Nitrophenyl- β -D-glucopyranoside (pNP-Glc), 50 mM Sodium acetate buffer (pH 5.0) and appropriate amount of the enzyme) was incubated at 60 °C and A_{420} was measured. One unit is defined as the amount of enzyme producing 1 μ mol of 4-nitrophenol per 1 min from pNP-Glc as a substrate.

pH profileTemperature profile