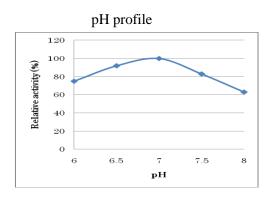
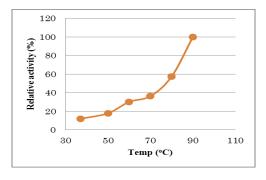
There is a possibility of changing the 'Code' and/or 'Lot No.' 'Protein conc.' and 'Activity' might vary between lots.

Data sheet			
Enzyme	;	Xylose isomerase A	
Code	;	XYI-75-01	
Lot No.	;	1-S001	
Protein con	nc.;	10 mg/ml	
Volume	;	10 ml	
Form	;	20 mM Tris-HCl (pH 8.0)	
Storage	;	-20 °C	
Activity	;	150 U/ml	
Notes	;	For research use only	

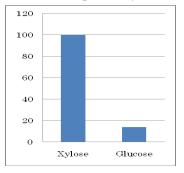
Activity measurement · · · The enzyme solution was mixed with the pre-warmed substrate solution (5 mM xylose, 50 mM PIPES-KOH, pH 7.0, 1 mM CoCl₂). After incubation at 85 °C for 5 min, the produced xylulose was measured by the Cysteine-carbazole method. One unit is defined as the amount of enzyme producing 1 µmol of xylulose per 1 minute.



Temperature profile



Substrate specificity



Thermostability

