

Data sheet

Enzyme	;	Cellulase Cel.5
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Code ; EGL-50-02

Lot No. ; 1-H601

Protein conc. ; 21 mg/ml

Volume ; 2 ml

Form ; 20 mM Tris-HCl (pH 8.0)

Storage ; -20 °C **Avoid repeated freeze and thaw cycles.*

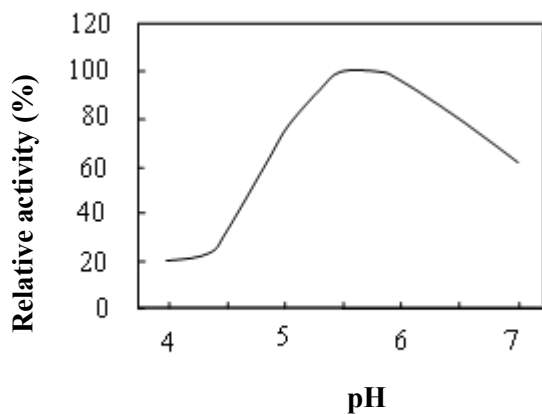
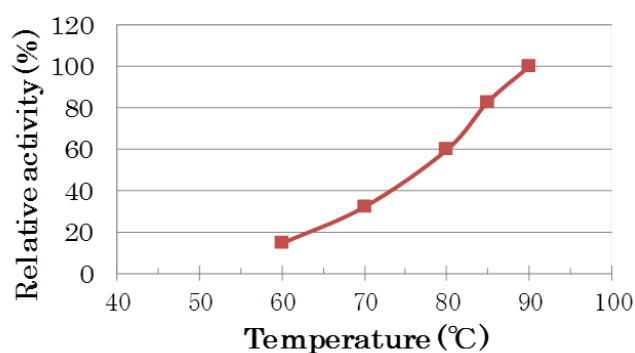
Activity ; 103 U/ml

Notes ; For research use only.

Activity measurement

Reaction mix (100 mM sodium acetate buffer (pH 5.6 @ 25 °C), 0.5% Carboxymethyl cellulose (CMC) and appropriate amount of the enzyme) was incubated at 85 °C and the reducing power was measured by the modified Somogyi-Nelson methods.* One unit is defined as the amount of the enzyme producing reducing power equivalent to 1 mg of glucose per 1 minute using CMC as a substrate.

**Hiromi et al. (1963) Bull Chem Soc Jpn 36: 563-569*

pH profileTemperature profile

Date of assay: _____

Approved: _____