

PULLULANASE(CRUDE)

α -Dextrin 6-Glucanohydrolase

Code No. : EN201

EC 3. 2. 1. 41

Origin : *Klebsiella pneumoniae* (*Aerobacter aerogenes*)
ATCC 9621

Activity : 2,000 units/g

Optimum pH : 5.5 ~ 6.0

Characteristic : Hydrolyzes the α -1,6-glucosidic linkages in amylopectin and pullulan.

Appearance : Partially-purified powder in diatomaceous earth.

Enzyme Unit : One unit liberates 1.0 μ mole of maltotriose from pullulan at pH 6.0 and 30°C per minute.

Storage : Activity is retained over a period of 6 months on storage at 0 ~ 4°C.

Availability : 1g (2,000 units)

Use : Structural determination of polysaccharides.

References : *Arch. Biochem. Biophys.*, vol.137, pp.483 ~ 493(1970)
Biochim. Biophys. Acta, vol.268, pp.497 ~ 505(1972)
Biochim. Biophys. Acta, vol.293, pp.197 ~ 202(1973)

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