

Pustulanase - Cel 136

Product information

Lot number: 429-0301-03

3,2 U/mg powder
9,7 U/mg protein

Contents: 36.480 U (1,0g)

Alternative names: 1,6-glucanase

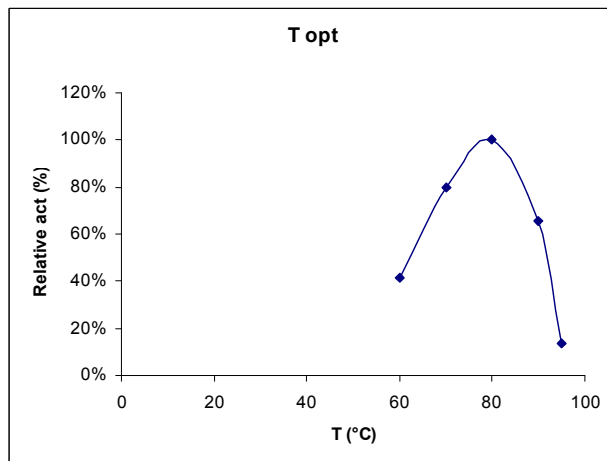
Unit definition:

One unit (U) of enzyme activity is the amount that leads to the release of 1 μ mol reducing sugars per minute.

Unit assay conditions:

The standard assay for cellulase activity was done by incubating the enzyme at 80°C for 10 min, with 1 % (w/v) pustulan, as a substrate in 0.1M sodium phosphate buffer, pH 5,5. The reducing sugars released were detected by the dinitrosalicylic acid method using glucose as standard.

Temperature optimum: 80°C (T range 65-90°C)



PH optimum : 5,5 (pH range 5-8)

