

Enzyme Cellulase

Systematic name 4-(1,3;1,4)- β -D-glucan 4-glucanohydrolase

IUBMB nomenclature Cellulase

CAS number 9012-54-8

IUBMB number EC 3.2.1.4

EC number 232-734-4

Synonyms

- endo-1,4- β -D-glucanase; β -1,4-glucanase; β -1,4-endoglucan hydrolase; cellulase A; cellulysin AP; endoglucanase D; alkali cellulase; cellulase A 3; celludextrinase; 9.5 cellulase; avicelase; pancellase SS; 1,4-(1,3;1,4)- β -D-glucan 4-glucanohydrolase; carboxymethyl cellulase

Properties Endohydrolysis of (1 $\rightarrow$ 4)- β -D-glucosidic linkages in cellulose, lichenin and cereal β -D-glucans