

## **pullulanase**

Cat. No. EXWM-3904

Lot. No. (See product label)

### **Introduction**

#### **Description**

Different from EC 3.2.1.142 (limit dextrinase) in its action on glycogen, and its rate of hydrolysis of limit dextrins. Its action on amylopectin is complete. Maltose is the smallest sugar that it can release from an  $\alpha$ -(1 $\rightarrow$ 6)-linkage.

#### **Synonyms**

limit dextrinase (erroneous); amylopectin 6-glucanohydrolase; bacterial debranching enzyme; debranching enzyme;  $\alpha$ -dextrin endo-1,6- $\alpha$ -glucosidase; R-enzyme; pullulan  $\alpha$ -1,6-glucanohydrolase

### **Product Information**

#### **Form**

Liquid or lyophilized powder

#### **EC Number**

EC 3.2.1.41

#### **CAS No.**

9075-68-7

#### **Reaction**

Hydrolysis of (1 $\rightarrow$ 6)- $\alpha$ -D-glucosidic linkages in pullulan, amylopectin and glycogen, and in the  $\alpha$ - and  $\beta$ -limit dextrins of amylopectin and glycogen

#### **Notes**

This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.

### **Storage and Shipping Information**

#### **Storage**

Store it at +4 °C for short term. For long term storage, store it at -20 °C~-80 °C.