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Dextranase (Alpha-glucanase)

Product Description

Dextranase(1,6- α -D-Glucan 6-Glucano-hydrolase,EC 3.2.1.11), also called alpha glucanase. It is a high-yielding strain from Chaetomium gracile screened by mutagenesis, which is through liquid deep fermentation extract from refining. It is widely used in the field of sugar, toothpaste and etc.

Action Principal

Dextranase is a hydrolase for specificity splitting decomposition α -1,6-glucoside linkages of dextran molecule, which outcome production are mainly isomaltose, isomalto-oligosaccharides and glucose.

Product Characteristic

Temperature range:30°C~70°C optimum temperature 55°C~65°C

Ph range: effective Ph 3.0 ~8.0 optimum Ph5.0 ~6.0

Product Feature

Product specification:light yellow liquid, 10000U/mL to 100000U/mL of enzyme activity; White to Pale yellow powder, 100000U/g enzyme activity

Product standard: GB25594-2010.

Application

Sugar industry: Dextranase can decrease the viscosity of sugar, bring better filtration to sugar products; Dextranase can effectively improve the speed of heating cane juice, shorten time to clarify and crystallize, to eliminate the adverse impact of crystallization, thereby improving the production efficiency and yield of sugar.

Other use: addition of dextranase in toothpaste and mouthwash on prevention and treatment of dental caries and gingivitis has good effect.

NEWGEN BIOTECH (NINGBO) CO., LTD.

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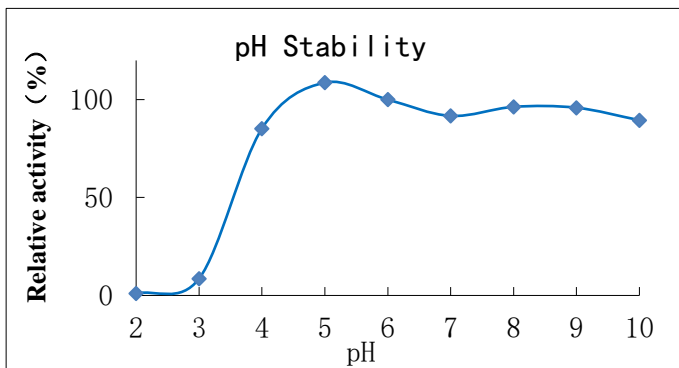
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Packaging and Storage

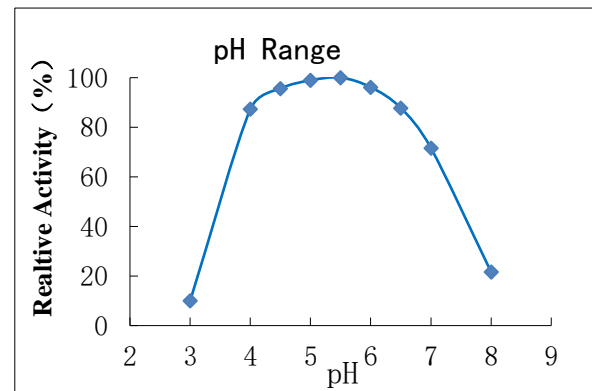
Storage: optimal storage near 4-5°C .

Packaging: 25L plastic food grade drum.

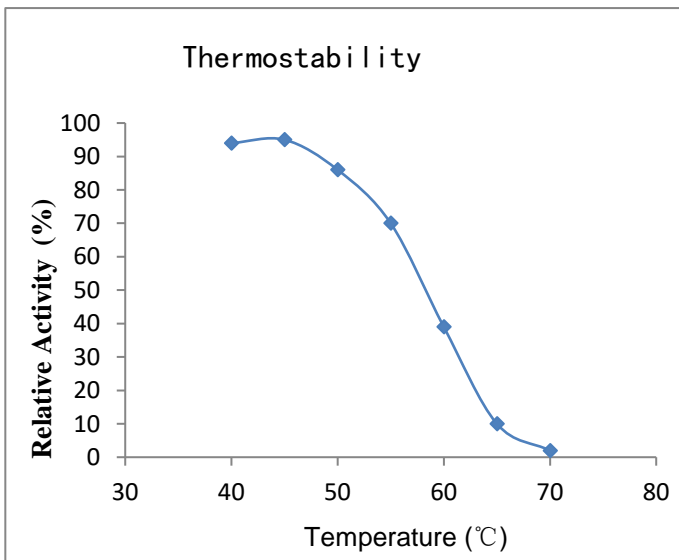
Characteristics in Curve



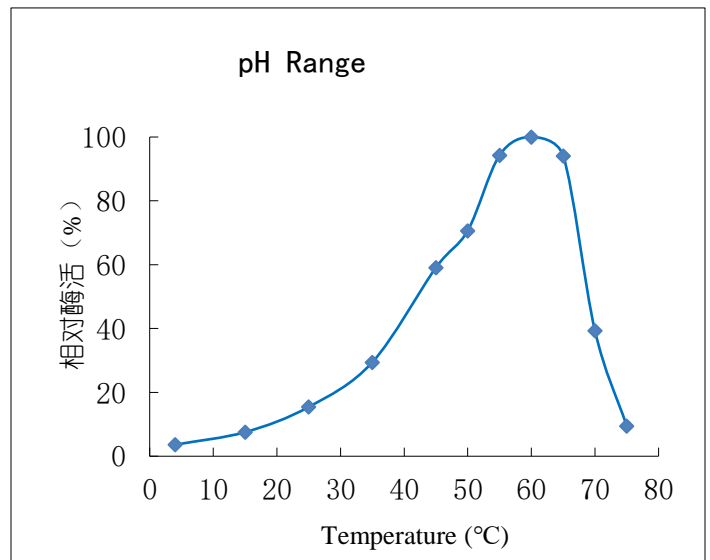
pH Range: 3.0~8.0



pH Range: 4.0~6.0



Thermostable Temperature: Below 50°C



Optimum Temperature: Below 55°C to 65°C

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