Creative Enzymes
Diagnostic Enzymes

Alpha-Amylase from Bacillus licheniformis

Product Information

Cat#	DIA-496
Source	Bacillus licheniformis
Description	High purity α-amylase (Bacillus licheniformis) for use in research, biochemical enzyme assays and in vitro diagnostic analysis.
Form	Stabilised solution
ECNumber	3.2.1.1
Activity	~ 55 U/mg (40 °C, pH 6.5 on Ceralpha reagent)
CAS No.	9000-90-2, 9000-85-5
Optimum temperature	75 °C
Stability	> 4 years at 4 °C
Unit Definition	One unit of α-amylase is the amount of enzyme required to release one µmole of p-nitrophenol from blocked p-nitrophenyl-maltoheptaoside per minute (in the presence of excess α-glucosidase) at pH 6.0 and 40 °C.
Storage	2–8 °C
Synonyms	α-amylase; 4-α-D-glucan glucanohydrolase
Molecular Weight	58000 Da
Specificity	Endo-hydrolysis of α-1,4-D-glucosidic linkages in starch.

Tel: 1-631-562-8517 1-516-512-3133
Email:info@creative-enzymes.com
Fax:1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA