

High Activity Amyloglucosidase from *Aspergillus niger*

Product Information

Cat#	DIA-508
Source	<i>Aspergillus niger</i>
Description	High purity amyloglucosidase from <i>Aspergillus niger</i> for use in research, biochemical enzyme assays and analytical testing applications.
Form	Lyophilized powder
CAS No.	9032-08-0
Activity	~ 35 U/mg (40 °C, pH 4.5 on soluble starch)
Unit Definition	One unit of amyloglucosidase activity is defined as the amount of enzyme required to release one μ mole of D-glucose reducing-sugar equivalents per minute from soluble starch at pH 4.5 and 40 °C.
Storage	Below -10 °C
Synonyms	Glucan 1,4- α -glucosidase; 4- α -D-glucan glucohydrolase; glucoamylase
Enzyme Commission Number	EC 3.2.1.3
Stability	> 1 year under recommended storage conditions
Optimum temperature	70 °C
Applications	Recommended for use in AOAC Method 997.08 (fructan).
Molecular Weight	143500 Da
Specificity	Hydrolysis of terminal α -1,4 and α -1,6 D-glucose residues successively from non-reducing ends of maltodextrins.