

Amyloglucosidase from *Rhizopus* sp.

Product Information

Cat#	DIA-509
Source	<i>Rhizopus</i> sp.
Description	High purity amyloglucosidase (<i>Rhizopus</i> sp.) for use in research, biochemical enzyme assays and in vitro diagnostic analysis.
Form	Lyophilised powder
ECNumber	3.2.1.3
Activity	~ 35 U/mg (40 °C, pH 4.5 on soluble starch)
CAS No.	9032-08-0
Optimum pH	5.5
Optimum temperature	60 °C
Stability	> 1 year under recommended storage conditions
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
Applications	Applications for the measurement of starch and dietary fiber in the food and feeds industry.
Molecular Weight	68000 Da
Specificity	Hydrolysis of terminal α -1,4 and α -1,6 D-glucose residues successively from non-reducing ends of maltodextrins.