

High Purity Sucrase

Product Information

Cat#	DIA-540
Source	Yeast
Description	High purity sucrase from yeast for use in research, biochemical enzyme assays and analytical testing applications.
Form	Powder
Activity	~ 20 U/mg (30°C, pH 6.8 on sucrose)
Unit Definition	One unit of sucrase activity is defined as the amount of enzyme required to release one μ mole of glucose per minute from sucrose (10 mM) in sodium maleate buffer (100 mM), pH 6.8 at 30°C.
Storage	Below -10 °C
Synonyms	Sucrase/invertase; α -glucosidase; α -D-glucoside glucohydrolase
Enzyme Commission Number	EC 3.2.1.20
Stability	> 1 year under recommended storage conditions
Optimum temperature	30 °C
Applications	Applications for the removal of sucrose in various analytical procedures in the cereals, food and feeds, fermentation and beverage industries.
Molecular Weight	62000 Da
Specificity	Hydrolysis of terminal, non-reducing (1,4)-linked α -D-glucose residues with release of D-glucose.