

Invertase

Product Information

Cat#	DIA-754
Descriptions	INVERTASE, also known as sucrase, specifically hydrolyzes the β -fructofuranoside bond in sucrose to equimolar glucose and fructose, features high catalytic efficiency, and is widely applied in confectionery production and carbohydrate metabolism research.
Applications	INVERTASE is suitable for sucrose content detection kits and carbohydrate metabolism assay reagent development.
CAS No.	9001-57-4
Enzyme Commission Number	EC 3.2.1.26
Synonyms	β -Fructofuranosidase
Activity	200, 000 U/g
Activity Definition	One invertase unit SU is under prescribed conditions (pH4.5, 20°C, 5.4% (w/v) sucrose solution hydrolysis for 30 minutes), the amount of enzyme which convert 1mg sucrose into glucose and fructose in 5 minutes.
Storage	Store in a cool and dry place (not more than 25°C), avoid exposure to light for 2 years.
Package	25 kg/drum
Usage & Dosage	Add 350 g invertase into 1T sugar syrup (70%, 50°C), completely hydrolyzed in 6 hours. Cost-focused: add 150 g into 1T sugar syrup (70%, 50°C), hydrolyzed in 20 hours.