

Fructanase Mixture (Liquid)

Product Information

Cat#	DIA-527
Source	Aspergillus sp.
Description	High purity fructanase mixture (liquid) for use in research, biochemical enzyme assays and analytical testing applications.
Form	Solution
ECNumber	Endo-Inulinase: 3.2.1.7 Exo-Inulinase: 3.2.1.80
CAS No.	9001-57-4, 9025-67-6, 37288-56-5
Optimum pH	4.5
Optimum temperature	40 °C
Stability	> 1 year under recommended storage conditions
Unit Definition	Endo-inulinase: One unit of endo-inulinase activity is defined as the amount of enzyme required to release one μ mole of β -D-fructose reducing-sugar equivalents per minute from inulin (20 mg/mL) in sodium acetate buffer (100 mM), pH 4.5. Exo-inulinase: One unit of exo-inulinase activity is defined as the amount of enzyme required to release one μ mole of β -D-fructose reducing-sugar equivalents per minute from kestose (5 mg/mL) in sodium acetate buffer (100 mM), pH 4.5 at 40 °C.
Storage	Below -10 °C
Synonyms	Endo-inulinase: 1- β -D-fructan fructanohydrolase Exo-inulinase: fructan β -fructosidase
Buffer	50% (v/v) glycerol