

### Diastase (Fungal Diastase)

Cat #: EN-M-004-100

#### Description

MOLEQULE-ON Diastase is a-Amylase ex. Malt (Fungal Diastase ex. Aspergillus Oryzae) 1:2000, (2000U/g powder). Fungal Diastase or Fungal Alpha-Amylase enhances the conversion of starch into its by-product, i.e., maltose and maltose to glucose. It is a starch hydrolyzing enzyme that breaks down complex carbohydrate (polysaccharides, i.e. starch) into simple carbohydrates (monosaccharides, i.e. glucose)

#### Specifications

Features	Characteristics
Appearance (Color)	Off white to pale yellow
Appearance (Form)	Powder
Solubility (Turbidity) 10% aq. solution	Clear
Activity	Min. 1:2000 U/g powder
Unit Definition	It has activity not less than 2000 units which represents the number of grams of dry, soluble maize or corn starch digested by 1.0g of alpha amylase at pH 5.0 and 40°C.
Enzyme solution for activity determination	Prepare in acetate buffer, pH 5.0

#### Storage

Store at -20 °C.

For laboratory use only. Not for drug, household or other uses.