

Macerozyme R-10 from Rhizopus sp.
lyophil.

Cat.No. : 28302

Parameter	Method	Specification
Appearance		pearl-white powder
Solubility	1 mg/ml 0.1 M sodium acetate buffer, pH 4.5	clear and colorless
Activities (U/mg)	Pectinase	ca. 0.5
	Cellulase	ca. 0.1
	Hemicellulase	ca. 0.25
Storage (°C)		+2 to +8

Unit definition

Pectinase

1 Unit is that amount of enzymatic activity which catalyzes the liberation of 1 µmol of reducing groups from pectic acid per minute at 25°C, pH 4.5, calculated as D-galacturonic acid.

Cellulase

1 Unit is that amount of enzymatic activity which catalyzes the liberation of 1 µmol glucose from sodium carboxymethyl cellulose per minute at 40°C, pH 4.5.

Hemicellulase

1 Unit is that amount of enzymatic activity which liberates 1 µmol of reducing groups from beechwood xylan per hour at 37°C, pH 5.5, calculated as xylose.

Die Eignung des Produktes für spezielle Anwendungszwecke wird nicht zugesichert.
We do not guarantee that the product can be used for a special application.