

SPECIFICATIONS

Cholesterol Esterase from *Candida rugosa*

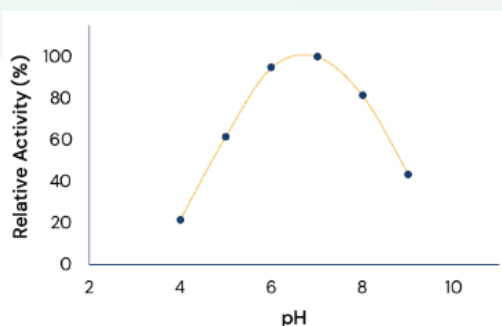
CHE-011

Name	Steryl-ester acylhydrolase
EC	3.1.1.13
Appearance	Off white to brownish powder
Activity	≥ 15 U/mg
Contaminants	Catalase ≤ 0.01 %
Stability	Stable at – 20 °C for at least 12 months
Michaelis constants	5.4×10 ⁻⁵ M (Linoleate), 6.6×10 ⁻⁵ M (Oleate)
Inhibitors	Heavy metals
Optimum pH	pH 5.5 - 7.5
Optimum temperature	37 - 45 °C
pH Stability	4.0 - 10.0
Thermal stability	below 50 °C

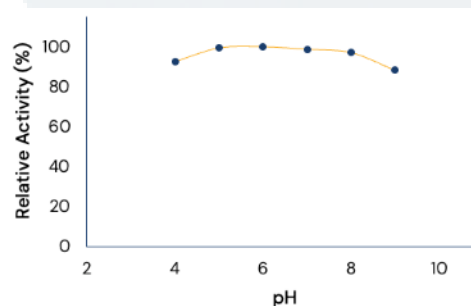
Cholesterol Esterase from *Candida rugosa*

CHE-011

Activity vs pH



Stability vs pH



Thermal Stability

