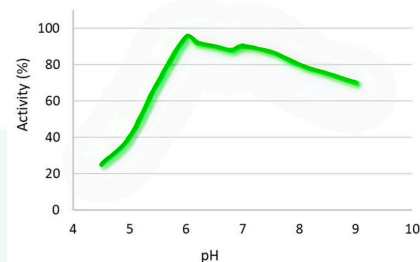


SPECIFICATIONS

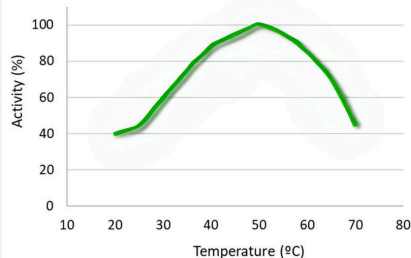
Cholesterol Oxidase from microorganism **CHO-110**

Product name	Cholesterol: oxygen oxidoreductase
EC	1.1.3.6
Appearance	Yellowish amorphous powder, lyophilized
Activity	≥ 15 U/mg
Stabilizers	Stable at - 20 °C for at least 12 months
Stability	Bovine serum albumin, amino acids
Molecular weight	Approx. 55000 (by gel-filtration)
Isoelectric point	5.2 ± 0.1
Michaelis constants	8.1 x 10 ⁻⁵ M
Inhibitors	Ionic detergents, Ag ⁺ , Hg ²⁺
Optimum pH	6.5 – 7.5
Optimum temperature	52 °C
pH Stability	pH 5.0 - 10.0
Thermal stability	Below 55 °C

CHO-110 pH activity



CHO-110 Temperature activity



CHO-110 Temperature stability

