

Peroxidase from Horseradish, Grade III, Activity: >180U/mg

Product Code: 174662

EC: 1.11.1.7

SKU: 174662

Category: [Enzymes](#)

PRODUCT DESCRIPTION

SPECIFICATIONS

EC 1.11.1.7

Product name: Donor:hydrogen-peroxidase oxidoreductase

Appearance: Reddish brown amorphous powder lyophilized

Activity: Grade III, 110 Purpurogallin U/mg-solid or more
(RZ \geq 2.0, containing approx. 30% of stabilizers)

Stability: Stable at \pm 20°C for at least 12 months

Molecular weight: approx. 40,000

Structure: Glycoprotein with one mole of protohaemin IX

Inhibitors: Cyanide, sulfide, fluoride, azide

Optimum pH: 6.0 \pm 7.0

Optimum temperature; 45 °C

pH Stability: pH 5.0 \pm 10.0 (25 °C, 20hr)

Thermal stability: below 50 °C (pH 6.0, 10min)