

Peroxidase from horseradish
E.C. 1.11.1.7 lyophil.

Cat.No. : 31941

Parameter	Method	Specification
Molecular weight		ca. 40 000
Appearance		brown to red-brown lyophilisate
Solubility	1 mg/ml in 0.2M potassium phosphate buffer pH 7.0	clear and brown
RZ	A_{403} / A_{275}	min. 3.0
Activity (U/mg)	Peroxidase	min. 1000
Activity in other units (U/mg)	Purpurogallin	min. 250
Storage (°C)		+2 to +8

Unit definition

1 unit is that amount of enzymatic activity which catalyzes the decomposition of 1 μ mol hydrogen peroxide per minute at 25°C, pH 7.0.

1 purpurogallin unit catalyzes the oxidation of 1 mg pyrogallol to purpurogallin in 20 seconds at 20°C and pH 6.0.

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