

CERTIFICATE OF ANALYSIS

Peroxidase from horseradish E.C. 1.11.1.7 lyophil.	Cat.No. : 31941 Contr.No.: 170860
--	--

Parameter	Method	Specification	Result
Molecular weight		ca. 40 000	
Appearance		brown to red-brown lyophilisate	corresponds
Solubility	1 mg/ml in 0.2M potassium phosphate buffer pH 7.0	clear and brown	corresponds
RZ	A ₄₀₃ / A ₂₇₅	min. 3.0	3.1
Activity (U/mg)	Peroxidase	min. 1000	1526
Activity in other units (U/mg)	Purpurogallin	min. 250	284
Minimum shelf life			11.09.2019
Storage (°C)			+2 to +8

Unit definition

1 unit is that amount of enzymatic activity which catalyzes the decomposition of 1 mmol 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.

**We do not guarantee that the product can be used for a special application.
This document does not release you from performing the standard control upon receipt of incoming goods.**

SERVA Electrophoresis GmbH
Quality Control

Printing date: 11.09.2017

Dipl.-Ing. (FH) Bernhard Göckel

Daniela Lux-Helmstetter

This report has been computer generated and does not contain a signature.