

CERTIFICATE OF ANALYSIS

Pepsin porcine	Cat.No. : 31820
E.C. 3.4.23.1. 2x cryst. lyophil.	Contr.No.: 140255

Parameter	Method	Specification	Result
Molecular weight		ca. 36 000	
Appearance		white lyophilisate	corresponds
Solubility	1 mg/ml 0.01 N HCl	clear and colorless	corresponds
Activity (milliAnson-U/mg)	Pepsin by Anson	ca. 15	13.8
Activity (U/E₂₈₀)		> 2500	2830
Activity (PU/mg)	„Pepsin Unit“ according to Anson	ca. 0.015	0.0138
Minimum shelf life			02/ 2015
Storage (°C)			-15 to -25

Unit definition

1 milliAnson-Unit is equivalent to 1µmol of Folin-positive amino acids calculated as tyrosine, released from denaturated hemoglobin per minute at 37 °C, pH 2.0.

**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

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