CERTIFICATE OF ANALYSIS



Pepsin porcine E.C. 3.4.23.1. 2x cryst. lyophil.		Cat.No. : 31820 Contr.No.: 131136	
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
		5	
Activity (milliAnson-U/mg)	Pepsin by Anson	ca. 15	12.8
Activity (U/E ₂₈₀)	×(0 ⁰)	> 2500	2830
Activity (PU/mg)	"Pepsin Unit" according to Anson	ca. 0.015	0.0128
Minimum shelf life			04/ 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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Daniela Lux-Helmstetter

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

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