# CERTIFICATE OF ANALYSIS



Urease from Jack bean	Cat.No. :	37799
lyophil.	Contr.No.:	130232

Parameter	Method	Specification	Result
Molecular weight		ca. 545 000	
Appearance		white lyophilisate	corresponds
Activity (U/mg)	Urease by Nesslers	min. 220	372
Activity in other units (U/mg)	Urease by Bergmeyer	min. 90	155
Minimum shelf life			03/ 2015
Storage (°C)	IP		+2 to +8
	2		

### **Unit definitions**

### Urease (by Nesslers)

1 Unit is that amount of enzyme causing the liberation of 1  $\mu$ mol ammonia per minute at 25°C, pH 7.0.

### **Urease (by Bergmeyer)**

1 Unit is that amount of enzyme causing the hydrolysis of 1  $\mu$ mol of urea per minute at 25°C, pH 8.0.

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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Dipl.-Ing. (FH) Bernhard Göckel

Daniela Lux-Helmstetter

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SERVA Electrophoresis GmbH • D-69115 Heidelberg • Carl-Benz-Str. 7 • Tel.: +49 6221 138 40-0 • Fax +49 6221 138 40-10 Geschäftsführer: Dr. Barbara Müller, Dr. Manfred Kurfürst • HRB 336136 AG Mannheim • E-Mail: info.serva.de • http://www.serva.de COMMERZBANK BLZ: 672 400 39 Kto: 190 38 30 00 • IBAN: DE90 6724 0039 0190 3830 00 • BIC: COBADEFFXXX • Ust.ID-Nr.: DE 812 517 285