

CERTIFICATE OF ANALYSIS

Urease from Jack bean lyophil.	Cat.No. : 37799 Contr.No.: 230878
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Parameter	Method	Specification	Result
Molecular weight		ca. 545 000	
Appearance		white lyophilisate	corresponds
Activity (U/mg)	Urease by Nessler's	min. 220	338
Activity in other units (U/mg)	Urease by Bergmeyer	min. 90	141
Minimum shelf life			18.08.2025
Storage (°C)			+2 to +8

Unit definitions

Urease (by Nessler's)

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

Urease (by Bergmeyer)

1 Unit is that amount of enzyme causing the hydrolysis of 1 μmol 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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Dr. Judith Koch

Daniela Lux-Helmstetter

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