

Collagenase NB 8 Broad Range from <i>Clostridium histolyticum</i> ; EC 3.4.24.3 lyophil.	Cat. No. :	17456
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Parameter	Method	Specification
Activities	Collagenase (PZ activity, 25 °C) Neutral Protease (DMC) Trypsin-like activity (BAEE)	<ul style="list-style-type: none"> • 0.9 U/mg lyophilisate • 0.2 U/mg lyophilisate • 0.5 U/mg lyophilisate
Endotoxin	LAL assay	<ul style="list-style-type: none"> • 100 EU/mg
Storage conditions		+2 to +8 °C

Unit definitions:

Collagenase (PZ activity according to Wunsch)

1 Unit catalyzes the hydrolysis of 1 µmol 4-phenyl-azobenzoyloxycarbonyl-L-prolyl-L-leucyl-glycyl-L-prolyl-D-arginine per minute at 25 °C, pH 7.1.

Neutral Protease (DMC assay)

1 DMC-Unit catalyzes the cleavage of 1 µmol peptide bond from dimethylcasein per minute at 25 °C, pH 7.0, expressed in terms of newly formed terminal amino groups, determined with trinitrobenzene sulfonic acid (TNBS).

Trypsin-like activity (BAEE assay)

1 Unit catalyzes the cleavage of 1 µmol BAEE per minute at 25 °C, pH 8.0.

Endotoxin (LAL assay)

1 Endotoxin Unit is equal to 1 International Unit of a FDA reference standard Endotoxin (RSE).

<p>Die Eignung des Produktes für spezielle Anwendungszwecke wird nicht zugesichert. We do not guarantee that the product can be used for a special application.</p>
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