

<b>Collagenase NB 5 Sterile Grade</b> from <i>Clostridium histolyticum</i> ; EC 3.4.24.3 lyophil.	<b>Cat. No. :</b>	<b>17459</b>
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Parameter	Method	Specification
<b>Identification</b>	Pattern of the main bands	Must comply to Reference substance 3
<b>Tests</b>	Loss on drying	4.0 – 10.0%
	Sulphur	≤ 2.0%
	Ash	≤ 3.0%
<b>Microbiological examination</b>	Sterility	Must comply
	Clostridia	Must comply
	General-Safety-Test	Must comply
<b>Assay</b>	Collagenase (PZ activity, 25 °C)	• 0.100 U/mg lyophilisate
	Proteolytic activity	≥ 0 U/g (Status)
	Clostridiopeptidase A Activity	400 – 2500 U/g
	Ratio Clostridiopeptidase A Activity: Proteolytic activity	≤ 5.0
<b>Storage conditions</b>		+2 to +8 °C

Sterility performed according to Ph.Eur.

**Unit definition:**

**Collagenase (PZ activity according to Wunsch)** 1 Unit catalyzes the hydrolysis of 1  $\mu$ mol 4-phenyl-azobenzyloxycarbonyl-L-prolyl-L-leucyl-glycyl-L-prolyl-D-arginine per minute at 25 °C, pH 7.1.

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