

## DATASHEET

Cat.No. 30301

# Neutral Protease NB

<b>Origin</b>	<i>Clostridium histolyticum</i>	
<b>Composition</b>	Neutral Protease	
<b>Molecular weight</b>	34 kDa	
<b>Characters</b>	Beige to brown, chromatographically purified, lyophilisate	
<b>Protein content</b>	Lowry assay	approx. 85%
<b>Activity</b>	Neutral Protease (DMC assay <sup>1</sup> )	≥ 0.50 U/mg lyophilisate
<b>Long term storage</b>	+2 to +8°C	

### Unit definition

#### Neutral Protease (DMC assay<sup>1</sup>)

1 DMC Unit catalyzes the cleavage of 1  $\mu$ mol 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).

<sup>1</sup> Lin, Y. et al.; J. Biol. Chem. **244**, 789-93 (1969).