

**neoFroxx GmbH**

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## Specification

<b>Product</b>	<b>Trypsin from bovine pancreas</b>
<b>Brand</b>	BioFroxx

<b>Quality</b>	for biochemistry
<b>Product number</b>	1047
<b>Synonyms</b>	Peptidyl peptide hydrolase
<b>CAS number</b>	9002-07-7
<b>Storage</b>	-15° to -25°C

**Unit definitions:**

Trypsin: 1 U catalyzes the hydrolysis of 1 µmol N-α-Benzoyl-L-arginine ethyl ester (BAEE) per minute at 25°C, pH 8.0

Proteinase: 1 DMC-U catalyzes the hydrolysis of 1 µmol Dimethylcasein per minute at 25°C, pH 7.0.

The liberated amino groups are determined with 2,4,6-Trinitrobenzene sulfonic acid.

Chymotrypsin: 1 U catalyzes the hydrolysis of 1 µmol Glutaryl-L-Phe-4-nitroanilide per minute at 25°C, pH 7.6

<b>Parameter</b>	<b>Specification</b>
<b>Appearance</b>	white lyophilisat
<b>Trypsin (NF/USP U/mg)</b>	min. 250
<b>Chymotrypsin (NF/USP U/mg)</b>	max. 75
<b>Microbiological analysis</b>	
<b>Total viable count</b>	max. 10000 cfu/g
<b>Pseudomonas aeruginosa</b>	negative
<b>Salmonella species</b>	negative
<b>Staphylococcus aureus</b>	negative
<b>E.coli</b>	negative

Einhausen, 06.09.2018