

## Technical Data Sheet

### M-Gredient® Casein Peptone A3

Pancreatically Digested, Prime, for Biotechnology and Microbiology

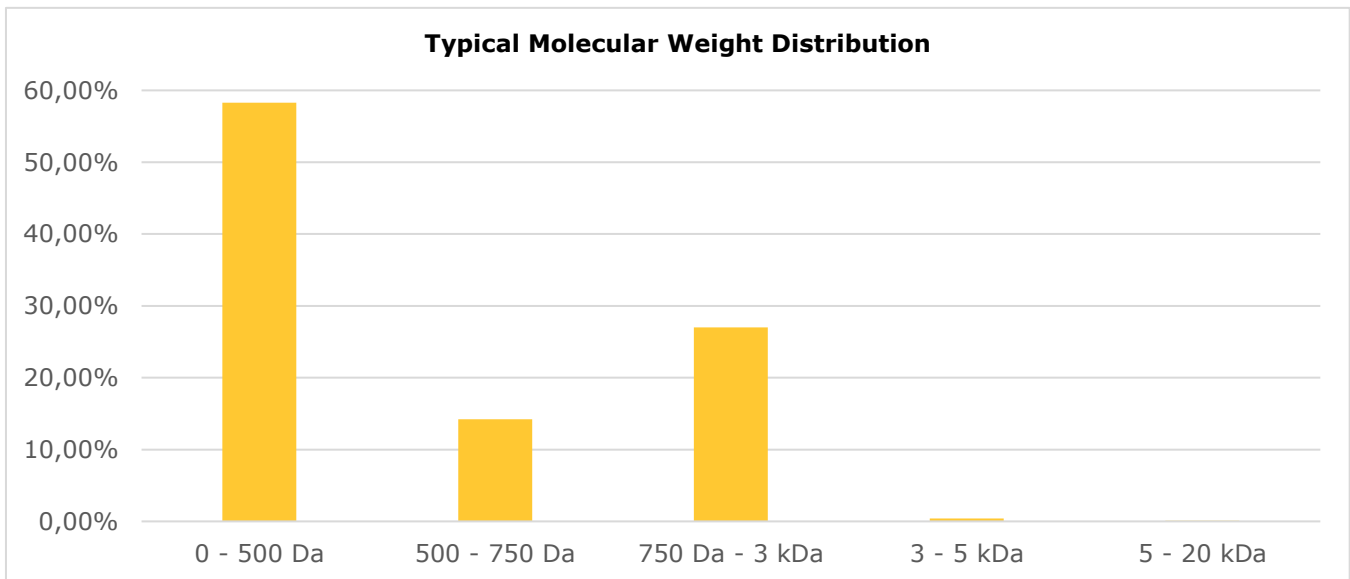
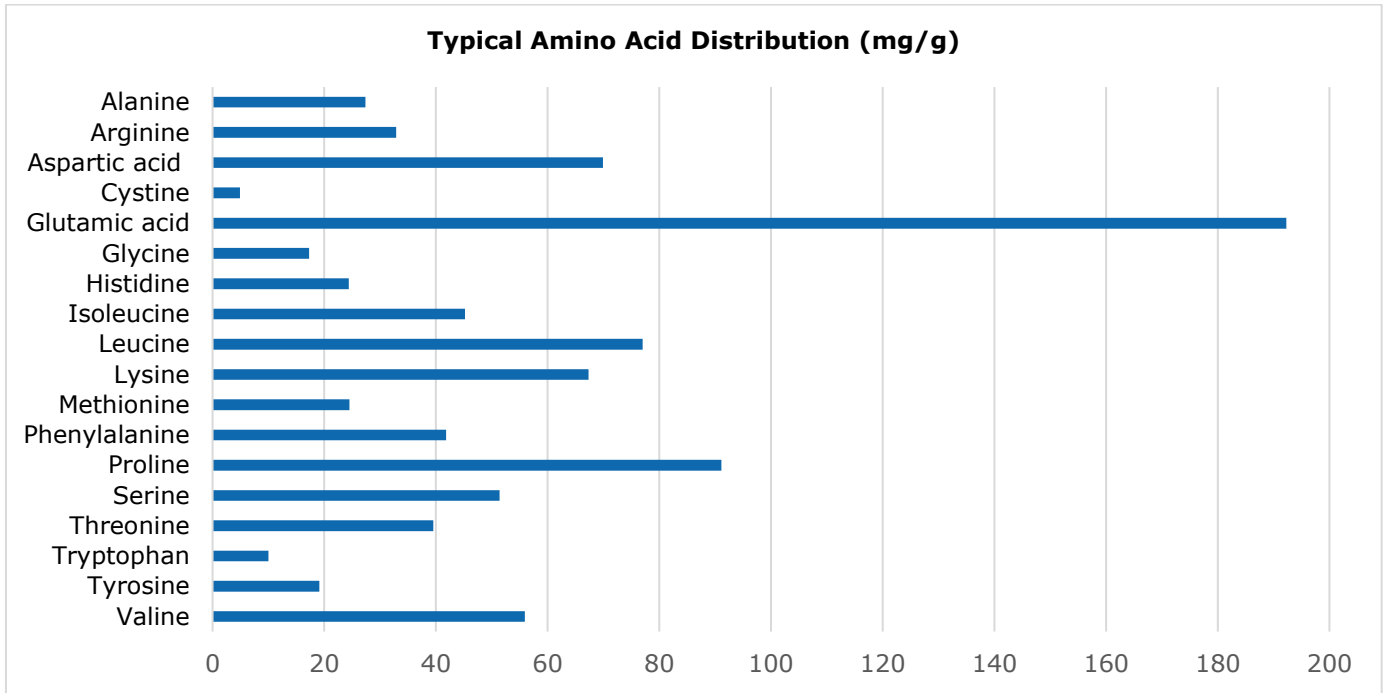
Catalogue number: 111931

#### Description

M-Gredient® Casein Peptone A3 Pancreatically Digested, Prime, for Biotechnology and Microbiology is obtained by enzymatic (pancreatic) digestion of casein. It is a rich source of peptides and amino acids supporting the growth of both fastidious and non-fastidious microorganisms. The product can be used in various applications in the fields of biotechnology, industrial fermentation, and microbiological culture media formulations.

#### Product Characteristics

Specified in CoA	Appearance	Lightly yellow to lightly brownishyellow, fine powder
	pH-value (5% water)	6.7 – 7.7
	Total nitrogen (N) (Kjeldahl)	12.0 – 14.0%
	Amino nitrogen (as N)	3.0 – 5.0%
	Sulfated ash (800 °C)	≤15%
	Loss on drying (105 °C)	≤6%
Typical values, not part of CoA specifications	Potassium	0.86%
	Sodium	2.20%
	Magnesium	<0.01%
	Calcium	0.02%



#### Ordering Information

Product	Cat. No.	Pack content
M-Gredient® Casein Peptone A3 Pancreatically Digested, Prime, for Biotechnology and Microbiology	1119311000	1 kg
	1119319025	25 kg

The life science business of Merck operates as MilliporeSigma in the US and Canada.

© 2025 Merck KGaA, Darmstadt, Germany and/or its affiliates. All Rights Reserved.  
Merck, Millipore, Fermtech and Sigma-Aldrich are trademarks of Merck KGaA, Darmstadt, Germany or its affiliates. Detailed information on trademarks is available via publicly accessible resources.

Lit. No. MK\_TN13307EN 06/2025

