

Technical Data Sheet

M-Gredient® Casein Peptone A1 (Tryptone)

Pancreatically Digested, Granulated, Prime, for Biotechnology and Microbiology

Catalogue number: 107213

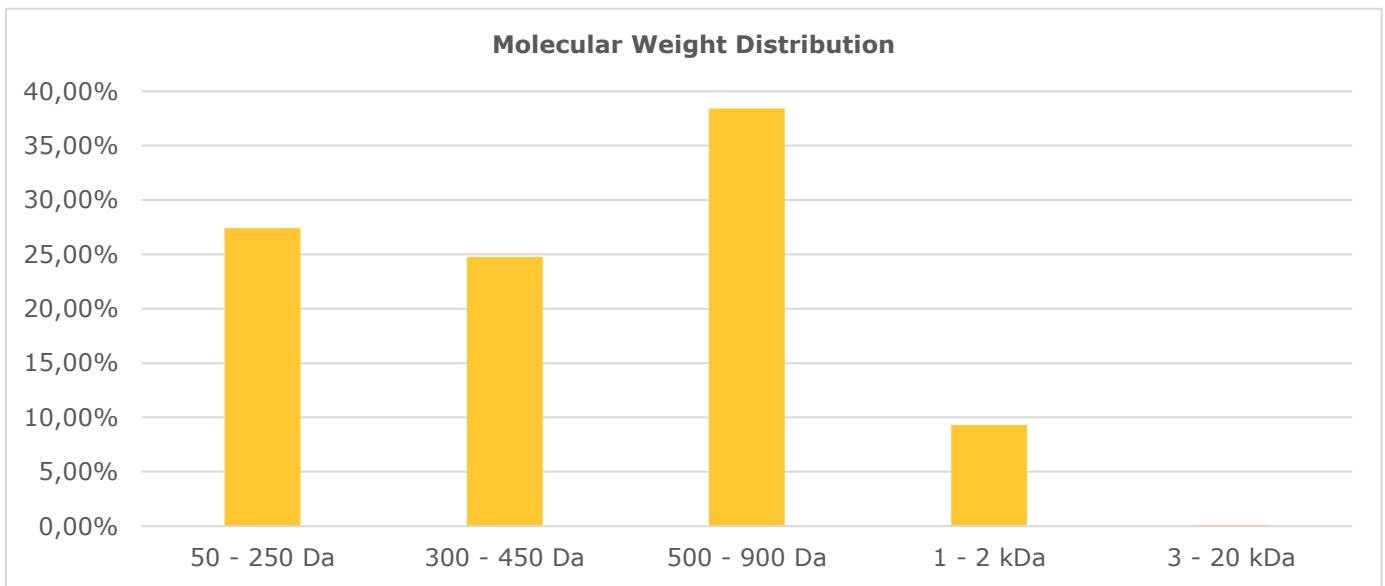
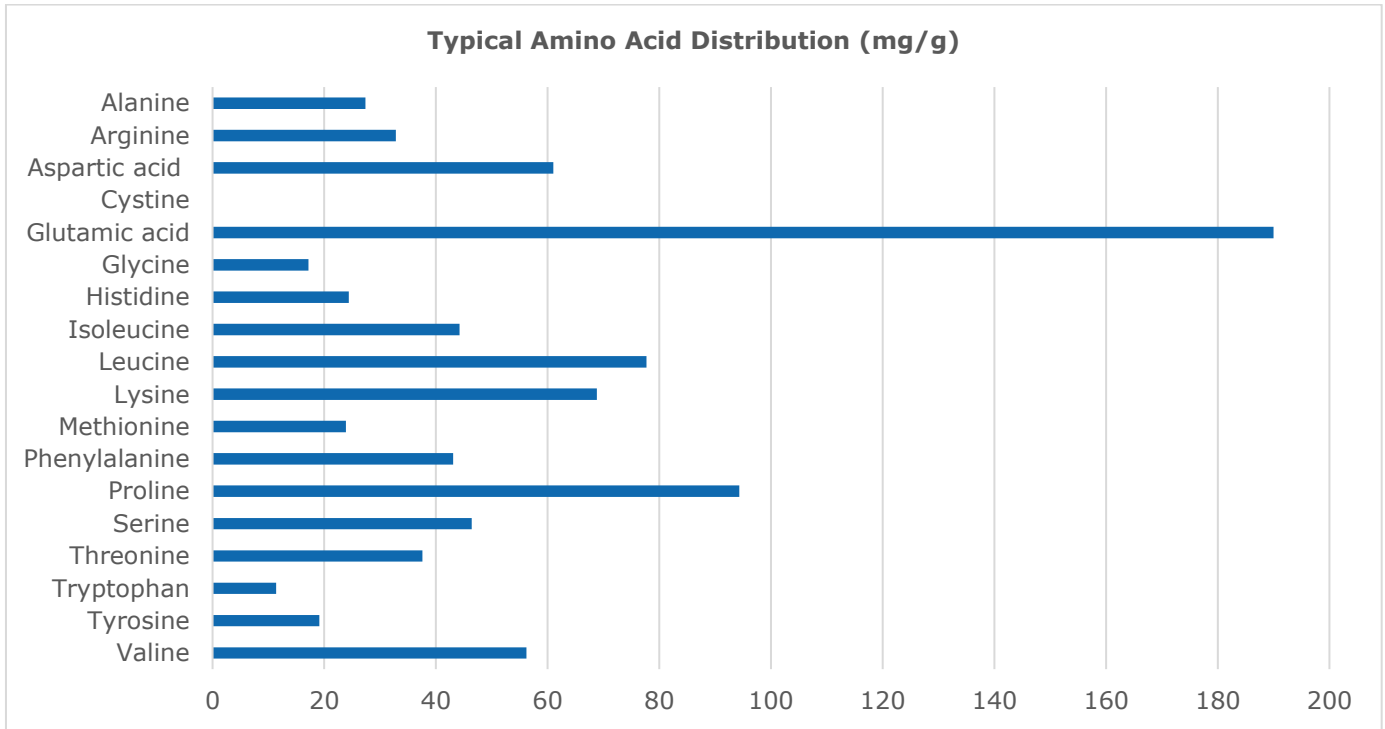
Description

M-Gredient® Casein Peptone A1 (Tryptone) Pancreatically Digested, Granulated, Prime, for Biotechnology and Microbiology is obtained by pancreatic digestion of acid precipitated, food-grade casein, bovine casein using porcine pancreatin. It is a commonly used peptone known for its high tryptophan content, that can be deployed individually or blended with soy, yeast extract, or meat peptones. It supports the vigorous growth of lactic acid bacteria, yeasts, and filamentous molds. Its low calcium content makes it appropriate for culture media with elevated phosphate levels.

Our special granulation of the casein peptone ensures rapid and uniform dissolution in water, as well as convenient and safe handling, as it prevents clumping and inhalation of the airborne powder.

Product Characteristics

Specified in CoA	Appearance	Lightly brownishyellow, granulate
	pH-value (5% water)	6.7 – 7.7
	Total nitrogen (N) (Kjeldahl)	12.0 – 14.0%
	Amino nitrogen (as N)	3.0 – 5.0%
	Ca (Calcium)	≤ 0.1%
	Sulfated ash (800 °C)	≤ 15.0%
	Loss on drying (105 °C)	≤ 6.0%
	Suitability for microbiology	passes test
Typical values, not part of CoA specifications	Chloride	0.8%



Ordering Information

Product	Cat. No.	Pack content
M-Gredient® Casein Peptone A1 (Tryptone) Pancreatically Digested, Granulated, Prime, for Biotechnology and Microbiology	1072131000	1 kg
	1072132500	2.5 kg
	1072139025	25 kg

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