

Technical Data Sheet

M-Gredient® Meat Peptone A1

Enzymatically Digested, Granulated, Prime, for Biotechnology and Microbiology

Catalogue number: 107214

Description

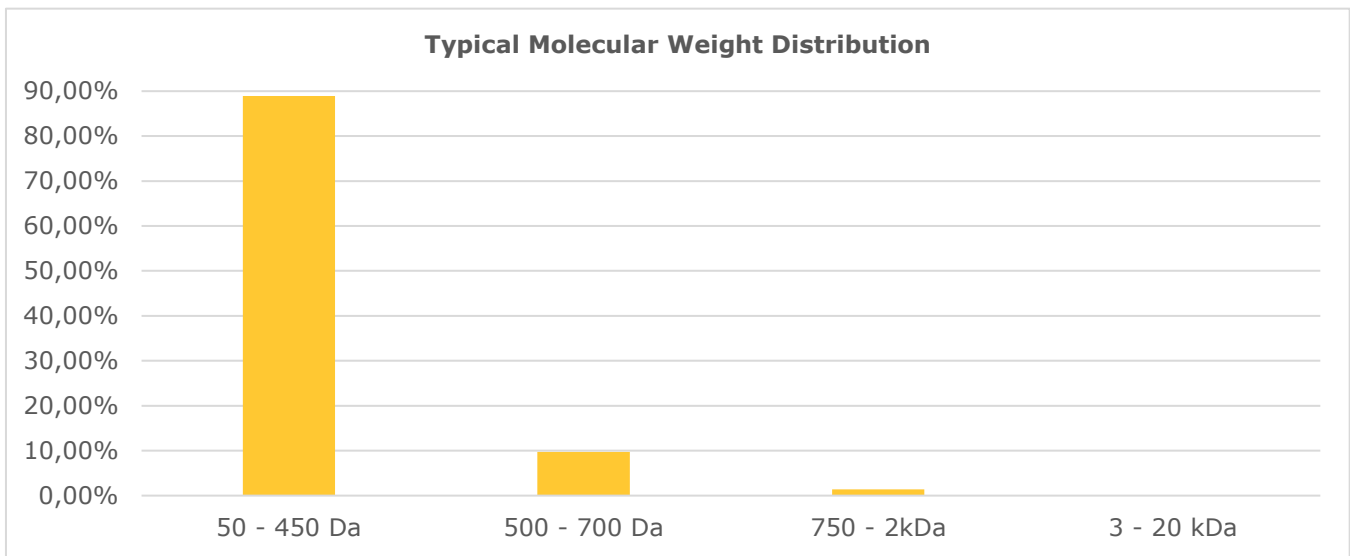
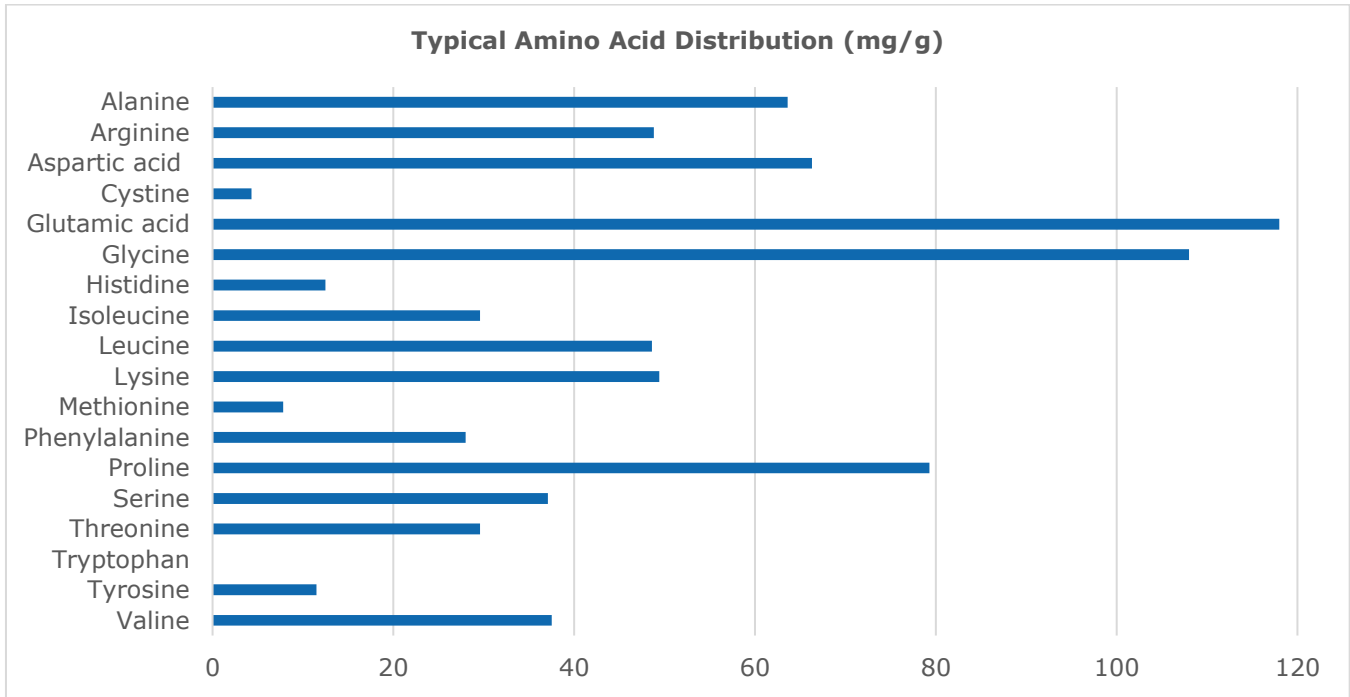
M-Gredient® Meat Peptone A1 Enzymatically Digested, Granulated, Prime, for Biotechnology and Microbiology is prepared by enzymatic digestion from selected bovine animal tissues. The product provides nitrogen, vitamins, amino acids and carbon in microbiological culture media.

Application

It can be included in various formulations of both liquid and solid culture media designed for the growth of both fastidious and non-fastidious microorganisms. Our special granulation of the meat 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 brownish-yellow, granulated
	Identify (NIR)	Passes test
	pH-value (5% water)	6.5 – 7.5
	Total nitrogen (N) (Kjeldahl)	11.0 – 14.0%
	Amino nitrogen (as N)	3.4 – 5.0%
	Nitrile (NO ₂)	passes test
	Sulfated ash (800 °C)	≤ 17.0%
	Loss on drying (105 °C)	≤ 6.0%
	Suitability for microbiology	passes test
Typical values, not part of CoA specifications	Potassium	2.7%
	Sodium	2.5%
	Magnesium	0.03%
	Calcium	0.07%



Ordering Information

Product	Cat. No.	Pack content
M-Gredient® Meat Peptone A1 Enzymatically Digested, Granulated, Prime, for Biotechnology and Microbiology	1072141000	1 kg
	1072142500	2.5 kg
	1072149025	25 kg

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Lit. No. MK_TN13303EN 06/2025

