

Technical Data Sheet

M-Gredient® Meat Peptone A2

Peptically Digested, Granulated, Prime, for Biotechnology and Microbiology

Catalogue number: 107224

Description

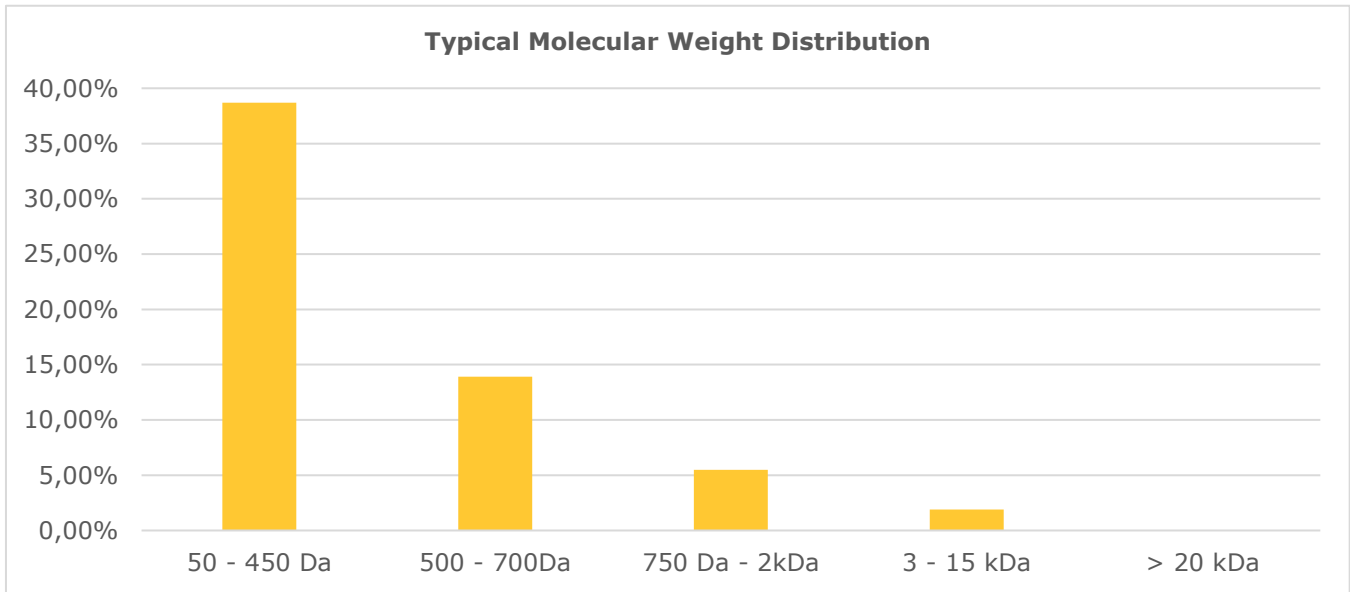
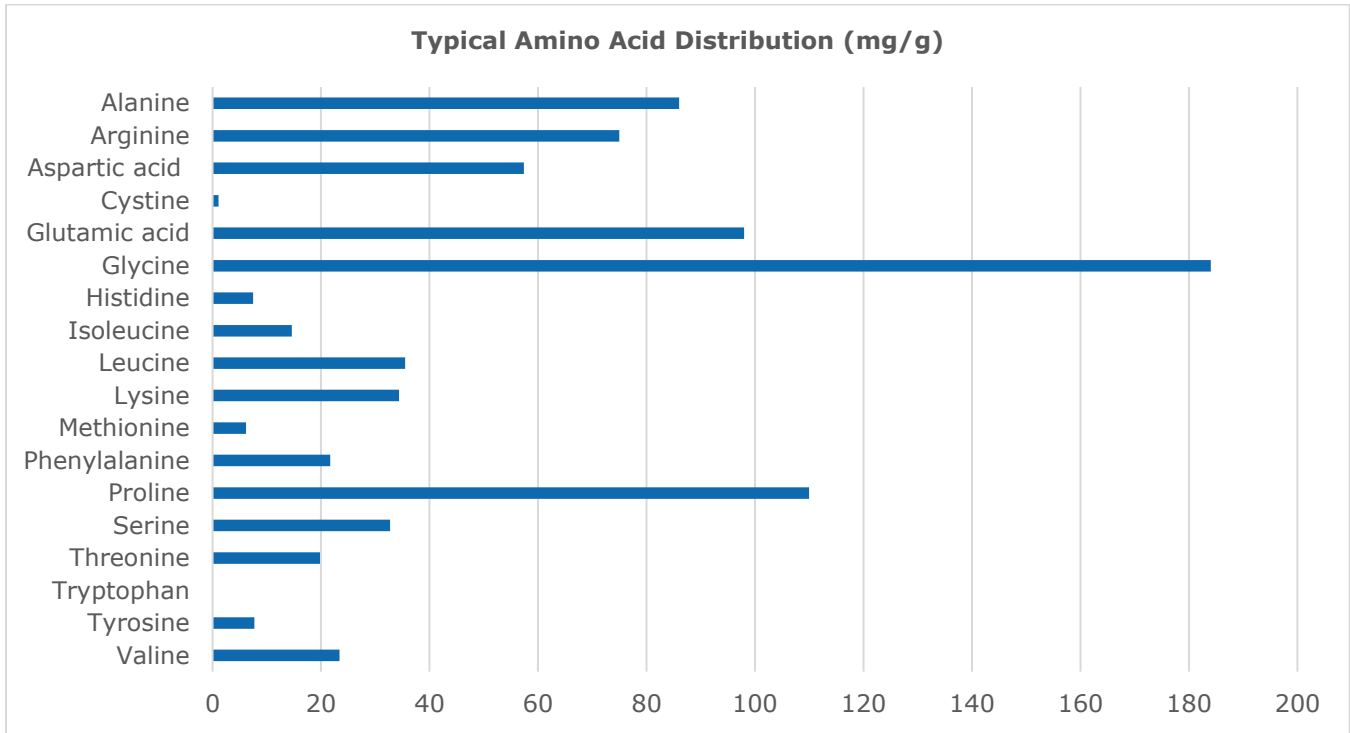
The M-Gredient® Meat Peptone A2 Peptically Digested, Granulated, Prime, for Biotechnology and Microbiology is prepared by peptic digestion of selected animal tissues. Our meat peptone provides nitrogen, vitamins, amino acids and carbon in microbiological and biotechnological culture media.

Application

Due to its rich nutritional value it is suited for biotechnological fermentation applications in the preparation of culture media for various 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
	pH-value (5% water)	6.5 – 7.5
	Total nitrogen (N) (Kjeldahl)	10.0 – 16.0%
	Amino nitrogen (as N)	≥ 1.5%
	Nitrite (NO ₂)	passes test
	Sulfated ash (800 °C)	≤ 15.0%
	Loss on drying (105 °C)	≤ 6.0%
	Suitability for microbiology	passes test



Ordering Information

Product	Cat. No.	Pack content
M-Gredient® Meat Peptone A2 Peptically Digested, Granulated, Prime, for Biotechnology and Microbiology	1072241000	1 kg
	1072242500	2 kg

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

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