

Technical Data Sheet

Meat extract dry, granulated, for microbiology

Catalogue number: 103979

Description

Meat extract dry, granulated, for microbiology is prepared from very low fat bovine muscle and marrow which is free from spinal column and without tendons. Thanks to its high nutrient value it can be used for microbiological culture media preparation. Meat extract is particularly suitable for cultivating of lactic acid bacteria and bacteriological examination of water, milk and other materials. Our special granulation of the meat extract ensures rapid and uniform dissolution in water, as well as convenient and safe handling, as it prevents clumping and inhalation of the airborne powder.

Typical Analysis

Appearance	Lightly brownish-yellow, granulated
pH-value (5% water)	6.0 – 7.5
Total nitrogen (N) (Kjeldahl)	11.5 – 12.5%
Amino nitrogen (as N)	3.5 – 4.5%
Sulfated ash (800 °C)	≤ 18%
Loss on drying (105 °C)	≤ 6.0%
Nitrite (NO ₂)	passes test
Suitability for microbiology	passes test
Identity	passes test

Ordering Information

Product	Cat. No.	Pack content
Meat extract dry, granulated, for microbiology	1039790500	500 g
	1039792500	2.5 kg

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

© 2024 Merck KGaA, Darmstadt, Germany and/or its affiliates. All Rights Reserved.
Merck, Millipore 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_TN13296EN Ver. 1.0 02/2024