

Nutrient Agar, Powder**Cat. No. 48496****Product Description:**

General An agar medium for the culture and maintenance of bacteria, especially suited for permanent cultures and as a base for other special media¹. For the detection of antibiotics in meat. Required by law in Federal Republic of Germany for inspection of meat products.

Composition	Component	Concentration
	Peptone from casein	3.45 g/l
	Peptone from meat	3.45 g/l
	NaCl	5.1 g/l
	Agar agar	13 g/l
	Final pH* (37 °C)	7.5

Storage Recommended storage temperature of powder is +15 °C – +30 °C.

Solution procedure:

To prepare 1 l medium:

1. Fill 500 ml water dest. in an 1-liter flask. Suspend 25 g powder medium while stirring, continue stirring until suspension is homogeneous.
2. Rinse residues of powder medium from the inner walls of the flask and fill up to a final volume of 1 liter. Warm medium in a water bath to ensure complete dissolution (carefully check for residual particles).
3. Then autoclave medium for 15 min. at 121 °C.

*Final pH is obtained automatically after autoclaving; if the material has been stored for some time, it is advisable to check the pH.

¹Levetzow, R. (1971) Bundesgesundheitsblatt **14**, 211-23

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