



Product Information Sheet

N601 Nutrient Agar

Properties

Form:	Powder
Appearance:	Cream to Tan
Application:	Microbiology
Solubility:	Water
Typical Working Concentration:	23.0 g/L
Storage Temp:	Room Temperature
Other Notes:	This product should be suspended in water and heated to boiling before dispensing, if dispensing prior to autoclaving.

Formula (mg/L)

Agar	15,000
Meat Extract	3,000
Peptone from Meat	5,000

Application Notes

This medium is used for the cultivation of a wide variety of microorganisms, most notably for nonfastidious organisms. The American Public Health Association (APHA) suggests nutrient agar as a standard culture medium for use in water testing (1917).

Nutrient agar is also a standard medium in many procedures for food testing as well as general microbiology applications. The meat extract and peptone in nutrient agar provide the nitrogen, carbon, vitamins and amino acids necessary for microorganism growth.

References

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- Marshall, R. T. (ed.). 1993. Standard methods for the microbiological examination of dairy products, 16th ed. American Public Health Association, Washington, D.C.
- Vanderzant, C., and D. F. Splittstoesser (eds.). 1992. Compendium of methods for the microbiological examination of foods, 3rd ed. American Public Health Association, Washington, D.C.

PhytoTechnology Laboratories®

P.O. Box 12205; Shawnee Mission, KS 66282-2205

Phone: 1-888-749-8682 or 913-341-5343; Fax: 1-888-449-8682 or 913-341-5442

Web Site: www.phytotechlab.com

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