

# Culture Media Ingredients



An ISO 22000:2018 Co

## Company Profile

Established in 1982 Marine Hydrocolloids is India's largest manufacturer & exporter of Agar Agar (Powder & Strips), and also offers Spreadable Agar Agar branded as Wondergel, Carrageenan and Alginates. We offer different grades of these products to cater to industries ranging from Food, Confectionery, Bakery, Dairy to Cosmetics, Personal Care, Plant Tissue Culture, Dehydrated Culture media, Microbiology, Dental Castings and Pharmaceuticals.

Our four-decade long legacy has equipped us with the know-how that has constantly kept us on our toes to meet the demands of the changing nature of consumption.



Culture media gives artificial environment simulating natural conditions necessary for growth of bacteria. The basic requirements for culture media are:

- Energy source.
- Carbon source.
- Nitrogen source.
- Salts
- Optimum pH.
- Adequate oxidation-reduction potential.
- Growth factors.

## Components

- Water- Source of hydrogen and oxygen.
- Electrolytes- NaCl & other electrolytes.
- Blood- It enriches media
- Agar- Agar acts merely as solidifying agent of culture medium and does not provide any nutrition to the bacteria.
- Culture Media Ingredients- Provides Appropriate Nutrients (Bio chemical and Bio physical environment) to culture media based on specific needs to particular bacteria.

## Our Products - Culture Media Ingredients

1. Peptone (bacteriological)
2. Tryptone powder
3. Meat peptone powder
4. Casein peptone powder
5. Casein enzyme hydrolysate
6. Caseitone powder
7. Calcium caseinate
8. Mycological peptone powder
9. Pancreatic digest of casein
10. Di-peptone powder
11. Meat infusion powder
12. Papain
13. Proteose peptone
14. Sodium caseinate
15. Gelatin peptone
16. Lactalbumin hydrolysate
17. Lactalbumin peptone
18. Liver extract powder
19. Veg peptone powder
20. Malt extract powder
21. Pancreatic digest of gelatin
22. Pancreatic digest of casein
23. Soya peptone powder
24. Yeast extract powder
25. Acid hydrolysate of casein
26. Soyatone powder
27. Bacteriological bile
28. Bile extract powder
29. Bile salt powder
30. Brain heart infusion
31. Proteolized meat extract
32. Pea peptone powder



## Packaging

25 kg HDPE/Fiber Board Drum  
500 gms poly container

## Storage

Store in a cool and dry place. Keep away from moisture. Keep the packet tightly closed after use.  
Shelf life: 2 years

## Meron Ingredients

A Division of Marine Hydrocolloids



Santo Gopalan Road, Chullickal, Kochi 682005, Kerala,  
India Tel: +91 484 2227241 | 2223703 | 2220802  
Fax: +91 484 2220801 Customer Care: +91 989 5767 366  
E-mail: info@meron.com, sales@meron.com  
Web: www.indiaagar.com

 : meronagaragar  : marinehydrocolloids

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