

AgarCult™
Plate Count Agar

The medium use for enumeration aerobic micro-organism in water, milk and dairy products by ISO 4833, APHA

Formula	g/l
Enzymatic Digestion of Casein	5
Yeast Extract	2.5
Glucose	1
Agar	15
Total	24
pH: 7.0 ± 0.2 at 25°C	

Preparation

- # Dissolve 24g in 1000ml of distilled water (purified water)
- # Heat and frequent stirring to completely dissolve the medium
- # Autoclave at 121°C for 15 minutes
- # Cool to 45-50°C, mix well and dispense into appropriate sterile containers

Quality Control (37°C, 24H)

Organism	Ref. No.	Result
S. aureus	ATCC 6538	Good growth
E. coli	ATCC 8739	Good growth
B. subtilis	ATCC 6633	Good growth

Storage

Store the dehydrated medium tightly closed in a dry place at room temperature and use before the expiry date on the label.

Dehydrated medium: 2-30°C

Ordering information

Code	Products	Package
PCA500	AgarCult™ Plate Count Agar	500g/Bottle
PCA5000	AgarCult™ Plate Count Agar	5kg/Bottle
PCA9010	AgarCult™ Plate Count Agar (90mm)	10Plates/Box