



TECHNICAL DATA

CASEIN PEPTONE E1

19546

DESCRIPTION

Casein Peptone E1 is manufactured by a controlled enzymatic hydrolysis of casein.

APPLICATION

Source of organic nitrogen and growth factors recommended in media for:

- Analytical microbiology.
- Industrial fermentation.

SPECIFICATIONS

ANALYTICAL ITEM	STANDARD
Appearance	Cream powder
Solubility in water at 1 %	Partial to Complete
pH (1 % solution)	6.2 – 7.2
Loss on drying	≤ 6.0 %
Total nitrogen TN	12.2 – 13.4%
Chlorides (NaCl)	≤ 8.0 %
Total aerobic microbial count	≤10 000 /g
Coliforms	≤ 10 /g
Escherichia coli	Absence / g
Salmonella	Absence / 25 g
Staphylococcus aureus	Absence / 10 g
Yeasts and moulds	≤ 100 /g

INGREDIENT

Casein peptone, for use in culture media.

CERTIFICATIONS

Non-GMO, Non TSE/BSE.

PACKING AND STORAGE

500 g polyethylene bottle.

5 kg plastic drum with inner polyethylene bags.

25 kg net corrugated board box with inner polyethylene bags.

When stored in sealed containers, at ambient temperature in dry and clean conditions, the expected shelf life is 2 years.

HEALTH AND SAFETY INFORMATION

Dusty powder. Avoid inhalation.

RAW MATERIAL MAKER

Organotechnie[®] S.A.S.