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## TECHNICAL DATA

# BEEF EXTRACT

19441

### DESCRIPTION

Beef Extract is manufactured by a controlled enzymatic hydrolysis of animal tissues.

### APPLICATION

Source of organic nitrogen recommended in media for:

- Analytical microbiology.
- Industrial fermentation.

### SPECIFICATIONS

<b>ANALYTICAL ITEM</b>	<b>STANDARD</b>
Optical density at 600nm (2 % solution) before autoclaving	0.00 – 0.25
Optical density at 600nm (2 % solution) after autoclaving	0.00 – 0.25
Appearance	Beige powder
Solubility in water at 2 %	Complete
pH (2 % solution)	5.0 – 6.0
Loss on drying	≤ 8.0 %
Total nitrogen TN	15.0 – 16.0%
Chlorides (NaCl)	≤ 3.0 %
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

Beef extract, for use in culture media.

### ALLERGEN

Non.

### CERTIFICATIONS

Non-GMO, Allergens-free.

### 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.