



Egg Albumin Hydrolysate

RM6379

Enzymic hydrolysate of egg protein, can be used in place of meat peptone to reduce Bovine Spongiform Encephalopathy(BSE) risk.

Principle And Interpretation

Egg albumin hydrolysate is manufactured under controlled conditions from albumin part of neat eggs. It is a rich source of protein and can be substituted in medias where albumin is added as an ingredient.

Quality Control

Appearance

Off white to light yellow Homogenous Free flowing powder, having Characteristic odour of protein.

Solubility

Freely soluble in distilled/purified water. Insoluble in chloroform and ether.

Reaction

Reaction of 2% w/v aqueous solution at 25°C.

pH

6.20- 6.60

Microbial Load:

Total aerobic microbial count (cfu/gm)

By plate method when incubated at 30-35°C for not less than 3 days.

Bacterial Count : ≤ 2000 CFU/gram

Total Yeast and mould count (cfu/gm)

By plate method when incubated at 20-25°C for not less than 5 days.

Yeast & mould Count : ≤ 100 CFU/gram

Test for Pathogens

1. E.coli-Negative in 10 gms of sample
2. Salmonella species-Negative in 10 gms of sample
3. Pseudomonas aeruginosa-Negative in 10 gms of sample
4. Staphylococcus aureus- Negative in 10 gms of sample
5. C.albicans- Negative in 10 gms of sample
6. Clostridia- Negative in 10 gms of sample

Chemical Analysis

Total Nitrogen	$\geq 10.0\%$
Amino Nitrogen	$\leq 5.0\%$
Sodium chloride	$\leq 16.0\%$
Loss on drying	$\leq 7.0\%$
Residue on ignition	$\leq 22.0\%$

Storage and Shelf Life

Store below 30°C. Use before expiry date on the label.

Disclaimer :

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