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## TECHNICAL DATA

# RICE EXTRACT R105

# 21556

### DESCRIPTION

Rice Extract R105 is a water-soluble fine beige powder. It contains a high level of protein in the form of readily and easily assimilated amino acids and peptides. It also contains soluble nucleic acids, vitamins, minerals and other factors to stimulate growth and metabolite production.

### APPLICATION

Rice Extract R105 is used as nutrients in many types of fermentation including lactic acid cultures, pharmaceuticals and bioremediation.

### SPECIFICATIONS

ANALYTICAL ITEM	STANDARD
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)	6.0 – 7.5
Loss on drying	≤ 11.0 %
Total nitrogen (x6.25 = Protein)	≥ 8.0 %
Chlorides (NaCl)	≤ 1.0 %
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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

Rice extract and yeast peptone, for use in culture media.

### ALLERGEN

None.

### CERTIFICATIONS

Halal, Non-GMO, Animal-free, Allergen-free.

### PACKING AND STORAGE

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.