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## TECHNICAL DATA

# GUAR PEPTONE G01

# 19621

### DESCRIPTION

Guar Peptone G01 is a water soluble peptone manufactured from natural guar protein purified by mechanical treatment (removal of guar gum attached to the germ). It's obtained through enzymatic hydrolysis with microbial enzymes.

### APPLICATION

Source of organic nitrogen, which can be used:

- in media for industrial fermentation
- in vitro diagnostic
- as a raw material for foodstuffs

### SPECIFICATIONS

<b>ANALYTICAL ITEM</b>	<b>STANDARD</b>
Appearance	Beige powder
Solubility in water at 5 %	Complete
pH (5 % solution)	5.5 – 6.4
Loss on drying	≤ 12.0 %
Total nitrogen TN	9.5 – 12.2%
Chlorides (NaCl)	≤ 5.0 %
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

Guar peptone, for use in culture media.

### CERTIFICATIONS

### 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<sup>®</sup> S.A.S.



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