



SOY PEPTONE

INTENDED USE

Enzymatic digest of soybean meal, used for the preparation of microbiological culture media.
For laboratory use only.

DESCRIPTION

Soy Peptone is obtained by the enzymatic digestion of soybean meal. It is soluble in water and is a plant source of peptones for microbiological use including the commercial manufacture of antibiotics and fermentation products, as well as the preparation of culture media.

The product is conform with European Regulations EC 1829/2003 and 1830/2003 regarding GMO.

TYPICAL ANALYSIS

Appearance of powder	Beige, fine, homogeneous hygroscopic powder
Appearance of 2% solution	Dark yellow, limpid
Solubility in water	Complete
pH 5% solution (25°C)	6.6 - 7.6
Loss on drying	≤ 11%
Total nitrogen (TN)	8.8 - 10.1 %
α-amino nitrogen (AN)	3.0 - 3.8 %
AN/AT X 100	30 - 43
Sulphated ashes	≤ 18%
Total aerobic microbial count	≤ 10.000 CFU/ g
<i>Staphylococcus aureus</i>	Absent / 10 g
<i>Salmonella</i>	Absent / 25 g
<i>Escherichia coli</i>	Absent / 10 g
Coliforms	≤ 10 UFC/g
Yeasts and moulds	≤ 20 UFC/g
Performances in microbiological culture media	passes test

STORAGE CONDITIONS

Keep tightly closed, away from bright light, in a cool dry place (+10°C to 30 °C and <60% RH).

PACKAGING

4123252 Soy Peptone 500 g