

VeggieTone Soya Peptone

Code: VG300

A GMO-free alternative to traditional Soya peptones. A highly nutritious general purpose peptone for the growth of bacteria and fungi.

GUARANTEED GM FREE

- **This product has been certified as free of genetically modified material.**

GUARANTEED MEAT-FREE FORMULATION

- **Peptone & Enzymes**

No raw materials of animal origin have been used in this product. Soya flour has been used as a protein source for the peptone and fungal enzymes have been used to make the peptone.

DESIGNED FOR FERMENTATION

- **Excellent growth of microorganisms**

Formulated to give a good nutritional base to allow luxuriant growth of fastidious organisms.

- **Quick and easy filtration**

Designed to give a clear straw coloured broth which has good filtration rates on both cellulose acetate and cellulose nitrate filters.

Since the emergence of genetically modified crops in the 1990s and subsequent concerns over the use of GMOs in the Pharmaceutical industry there has been a growing need for products which can be certified to be GMO free.

Oxoid have responded to this need by offering peptones which are made from GMO free raw materials under the VeggieTone name. These products are also manufactured without using any materials of animal origin, thus reducing concerns over BSE and prion transmission.

Oxoid can now offer a choice of VeggieTone Soya Peptone (VG300) or Vegetable Peptone No. 1 (VG100) as GMO and meat-free alternatives to traditional peptones.

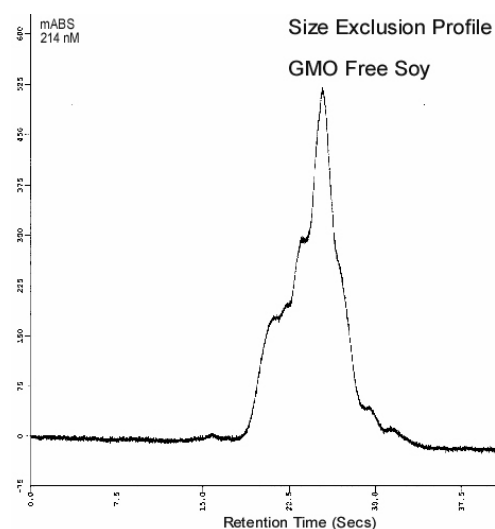
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• INTENDED USE

VeggieTone Soya Peptone (VG300) is an enzymatic digest of soya flour. The peptone has been designed as a general purpose nutrient for the growth of a wide range of organisms.

• TYPICAL MOLECULAR WEIGHT PROFILE



VeggieTone Soya Peptone (VG300) contains a wide distribution of peptides including low molecular weight di- and tri-peptides as well as individual amino acids.

• TYPICAL AMINO ACID ANALYSIS

	TOTAL AMINO ACIDS n.Mol/mg
ASP	500
THR	180
SER	310
GLU	800
PRO	250
GLY	310
ALA	250
VAL	200
MET	46
ILE	180
LEU	310
TYR	85
PHE	130
HIS	120
LYS	220
ARG	140

• TYPICAL CHEMICAL ANALYSIS

METALS	
Ca	320 ppm
Mg	1755 ppm
Cu	3 ppm
Fe	80 ppm
Zn	18.5 ppm
Nitrogen	
Formal Nitrogen	9.30%
Total Nitrogen	8.75%
Ash	13.10%

• TYPICAL ANION ANALYSIS

Anions	
Bromate	<0.01%
Chloride	1.1% w/w
Phosphate	0.2% w/w
Sulphate	0.4% w/w

• TYPICAL CARBOHYDRATE ANALYSIS

Carbohydrate	
Glucose	0.14%
Fructose	0.20%
Sucrose	5.61%
Maltose	0.14%
Mannose	<0.05%
Galactose	<0.05%

• STORAGE AND STABILITY

VeggieTone Soya Peptone (VG300) is a straw coloured, free flowing powder.

VeggieTone Soya Peptone (VG300) should be stored tightly capped in the original container at 10-30°C. When stored as directed, the medium will remain stable until the stated expiry date.

Do not use VeggieTone Soya Peptone (VG300) beyond expiry date or if the product shows any sign of deterioration.

• QUALITY CONTROL TESTING

For quality control of the medium the organisms named below can be used:

<i>Staph. aureus</i>	ATCC®9144	Culti-Loop® C7001L
<i>Staph. aureus</i>	ATCC®25923	C7010L