

### DESCRIPTION:

Soy Peptone GMO-Free, Animal-Free is a specially designed product. The raw material to produce this soy peptone is guaranteed to be GMO-Free and Animal-Free (eliminates TSE/BSE issues). It is recommended for use in microbiological, tissue culture and fermentation media.

CHEMICAL CHARACTERISTICS	SPECIFICATIONS	TYPICAL ANALYSIS
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Amino Nitrogen (AN)	Minimum 2.2%	3.1%
Total Nitrogen (TN)	Minimum 7.0%	9.76%
AN/TN Ratio	N/A	34.84%
Loss on drying	Maximum 6.0%	3.7%
Ash	Maximum 15.0%	9.0%
pH (2% solution)	6.5 - 7.5	7.3

### ELEMENTAL PROFILE

Calcium	0.039%
Magnesium	0.099%
Potassium	4.50%
Sodium	3.16%

### GROWTH SUPPORTING PROPERTIES

Peptone agar	Satisfactory
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### MICROBIOLOGICAL ANALYSIS

Standard plate count	Less than 5000 CFU/g
Yeasts and molds	Less than 100 CFU/g
Coliforms	Negative
Salmonella	Negative

### AMINO ACIDS

### TOTAL g/100 g

Alanine	3.18
Arginine	3.05
Aspartic acid	9.00
Cystine	0.79
Glutamic acid	11.83
Glycine	2.47
Histidine	1.23
Isoleucine	2.55
Leucine	3.90
Lysine	3.85
Methionine	0.86
Phenylalanine	2.40
Proline	2.54
Serine	2.69
Threonine	2.61
Tryptophan	0.68
Tyrosine	1.38
Valine	2.94