

# SOY PEPTONE GMO - FREE

Cat# 6020



Soy peptone GMO-free is a specially designed product manufactured similar to Soy Peptone Cat. 103. The raw material to produce this soy peptone is guaranteed to be GMO-FREE. It is recommended for use in microbiological and tissue culture media.

<b>Chemical characteristics</b>	<b>Specifications</b>	<b>Typical analysis</b>
Amino Nitrogen (AN)	Minimum 2.2 %	3.5 %
Total Nitrogen (TN)	Minimum 7.0 %	9.47 %
AN/TN Ratio	N/A	36.96 %
Loss on drying	Maximum 6 %	2.4 %
Ash	Maximum 15 %	9.6 %
pH (2% solution)	6.5 – 7.5	7.1
<b>Elemental profile</b>		
Calcium		0.039 %
Magnesium		0.094 %
Potassium		4.26 %
Sodium		3.57 %
<b>Amino acids</b>		<b>Total (g/100g)</b>
Alanine		2.30
Arginine		3.02
Aspartic acid		8.92
Cystine		0.75
Glutamic acid		11.37
Glycine		2.44
Histidine		1.20
Isoleucine		2.51
Leucine		3.82
Lysine		3.77
Methionine		0.89
Phenylalanine		2.35
Proline		2.51
Serine		2.67
Threonine		2.57
Tryptophan		0.78
Tyrosine		1.26
Valine		2.89
<b>Growth supporting properties</b>		
Peptone agar		Satisfactory
<b>Microbiological analysis</b>		
Standard plate count	Less than 5000 col/g	
Yeasts and molds	Less than 100 col/g	
Coliforms	Negative	
Salmonella	Negative	