



Tryptone

A pancreatic digest of casein containing all amino acids found in casein as well as larger peptide fractions. It is an excellent nutrient for use in culture media for producing antibiotics, toxins, enzymes and other biological products.

Product Description

Name :	Tryptone
Catalog Number :	54625A, 500 g 54625F, 5 Kg 54625G, 10 Kg

Storage 20-25°C. Once opened keep powdered medium closed to avoid hydration.

Tryptone is a pancreatic digest of casein containing all amino acids found in casein as well as larger peptide fractions. This product is recommended for preparing media where enzymatic hydrolyzed casein is desired. It is an excellent nutrient for use in culture media for producing antibiotics, toxins, enzymes and other biological products. This product is widely used in the pharmaceutical and veterinary industries and the diagnostic culture media industry.

Chemical Characteristics

	SPECIFICATIONS	TYPICAL ANALYSIS
Amino Nitrogen (AN)	Minimum 3.9%	4.20%
Total Nitrogen (TN)	Minimum 10%	13.31%
AN/TN Ratio	N/A	31.70%
Loss on drying	Maximum 6%	3.30%
Ash	Maximum 15%	6.00%
pH (2% solution)	6.5 – 7.5	6.8

Elemental Profile

	TYPICAL ANALYSIS
Calcium	0.019%
Magnesium	0.0065%
Potassium	0.95%
Sodium	2.10%

Amino Acids

	Total (g/100g)		Total (g/100g)		Total (g/100g)
Alanine	2.87	Histidine	2.29	Proline	8.65
Arginine	3.31	Isoleucine	4.48	Serine	5.08
Aspartic acid	6.52	Leucine	7.63	Threonine	3.91
Cystine	0.40	Lysine	6.51	Tryptophan	1.05
Glutamic acid	18.70	Methionine	2.35	Tyrosine	1.86
Glycine	1.79	Phenylalanine	4.06	Valine	5.51

Microbiological test

Standard plate count	Less than 5000 col/g
Yeasts and molds	Less than 100 col/g
Coliforms	Negative
<i>Salmonella</i>	Negative

Ordering information

Catalog size quantities and prices may be found at <http://www.interchim.com>.

Please inquire for higher quantities (availability, shipment conditions).

For any information, please ask : Uptima / Interchim; Hotline : +33(0)4 70 03 73 06

[Order on-line](#) or [Contact](#) your local distributor

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