

Typical Analysis - Phytone™ Peptone

Catalog # 211906, 298147, 292450 (4311906, 4398147, 4392450)

Nitrogen Content/Physical Characteristics

Total Nitrogen (TN) (%)	9.0
Amino Nitrogen (AN) (%)	2.4
AN/TN	0.27
Ash (%)	12.4
Loss on Drying (%)	1.5
NaCl (%)	4.0
pH (2% solution)	7.1

Elemental Analysis

Calcium (µg/g)	1001
Magnesium (µg/g)	2435
Potassium (µg/g)	31547
Sodium (µg/g)	34037
Chloride (%)	0.76
Sulfate (%)	0.67
Phosphate (%)	0.64

Amino Acid Analysis

	<u>Free</u>	<u>Total</u>		<u>Free</u>	<u>Total</u>
Alanine (%)	0.3	2.6	Arginine (%)	0.6	2.1
Aspartic Acid (%)	0.3	3.9	Cystine (%)	0.4	*
Glutamic Acid (%)	0.3	5.9	Glycine (%)	0.2	1.5
Histidine (%)	0.2	0.8	Isoleucine (%)	0.2	1.3
Leucine (%)	0.8	2.3	Lysine (%)	1.2	2.4
Methionine (%)	0.2	0.2	Phenylalanine (%)	0.2	1.4
Proline (%)	0.1	1.8	Serine (%)	0.4	0.5
Threonine (%)	0.1	0.5	Tryptophan (%)	--	*
Tyrosine (%)	0.2	0.8	Valine (%)	0.1	1.5

-- = Below level of detection

* = Destroyed by hydrolysis

Analysis based on typical lot. Data does not represent a specific lot.



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