

Typical Analysis - Phytone™ Peptone UF

Catalog # 210931, 210936

Nitrogen Content/Physical Characteristics

Total Nitrogen (TN) (%)	9.4
Amino Nitrogen (AN) (%)	2.6
AN/TN	0.28
Ash (%)	12.5
Loss on Drying (%)	4.9
NaCl (%)	4.0
pH (2% solution)	7.0

Elemental Analysis

Calcium (µg/g)	900
Magnesium (µg/g)	1700
Potassium (µg/g)	21200
Sodium (µg/g)	36100
Chloride (%)	0.76
Sulfate (%)	0.58
Phosphate (%)	0.71

Amino Acid Analysis

	<u>Free</u>	<u>Total</u>		<u>Free</u>	<u>Total</u>
Alanine (%)	0.3	3.1	Arginine (%)	0.8	2.4
Aspartic Acid (%)	0.2	4.7	Cystine (%)	0.5	*
Glutamic Acid (%)	0.4	6.5	Glycine (%)	0.2	1.8
Histidine (%)	0.2	0.9	Isoleucine (%)	0.2	1.6
Leucine (%)	0.9	2.7	Lysine (%)	1.5	2.8
Methionine (%)	0.2	0.3	Phenylalanine (%)	0.3	1.6
Proline (%)	0.1	1.9	Serine (%)	0.5	0.6
Threonine (%)	0.1	0.6	Tryptophan (%)	0.1	*
Tyrosine (%)	0.3	1.0	Valine (%)	0.1	1.7

-- = Below level of detection

* = Destroyed by hydrolysis

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



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