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TECHNICAL INFORMATION

Catalog Number: 104806

Peptone I

Description: Peptone I is enzymatically digested bovine tissue that has been spray dried.

Typical Analysis:

Nitrogen	15.5%	Solids	92.0%
Ash	3.1%	Protein	90-95%
Moisture	4-6%	pH (1% Solution)	5.5
Fat	0.1%	Salmonella	Negative

Typical Amino Acid Profile (mg/g):

Aspartic Acid	53.8	Threonine	17.8
Serine	27.7	Glutamic Acid	105.0
Proline	115.0	Glycine	177.0
Alanine	81.8	Valine	27.1
Methionine	11.2	Isoleucine	18.1
Leucine	40.6	Tyrosine	11.1
Phenylalanine	24.0	Histidine	8.85
Lysine	34.4	Arginine	83.8
Tryptophan	1.92		

Typical Minerals:

Fe	0.03%	Cu	0.005%
Ca	0.35%	Co	0.008%
Mg	0.032%	Mn	Not Detected
P	0.65%	Zn	0.04%
NaCl	0.50%		

Typical Vitamins:

Riboflavin	0.0033 mg/gm	Niacin	0.0006 mg/gm
Ca Pantothenate	0.0005 mg/gm	Thiamine	Trace