

Meat Peptones Typical Analyses Table

Product Name	Total Nitrogen (%)	Amino Nitrogen (%)	AN/TN	Total Carbohydrate (mg/g)	Ash (%)	Loss on Drying (%)	NaCl (%)	pH (1% Solution)	Calcium (µg/g)	Iron (µg/g)	Magnesium (µg/g)	Potassium (µg/g)	Sodium (µg/g)	Chloride (%)	Sulfate (%)	Phosphate (%)	Alanine (% Free)	Alanine (% Total)	Arginine (% Free)	Arginine (% Total)	Asparagine (% Free)	Aspartic Acid (% Free)
Beef Extract Powder, BBL™	12.4	2.3	0.19	56.10	9.3	3.5	0.3	6.9	264	27.4	285	28793	18510	0.00	0.53	3.22	1.8	4.0	2.8	2.8	0.6	0.6
Beef Extract, Desiccated, Bacto™	13.9	2.0	0.14	9.80	7.7	1.8	1.7	6.9	53	19.2	92	31423	21645	1.62	0.70	0.43	1.1	7.1	1.3	4.2	0.1	0.3
Gelysate™ Peptone, BBL	17.0	2.9	0.17	11.58	3.8	4.9	0.2	6.9	381	11.8	150	656	11090	0.00	1.66	0.18	0.8	8.8	3.1	6.3	0.1	0.1
Neopeptone, Bacto	13.6	3.2	0.20	13.13	6.9	4.0	1.4	7.4	77	5.3	28	8945	36313	0.48	0.45	2.59	0.5	4.3	0.5	2.6	0.2	0.3
Peptone, Bacto	15.4	3.5	0.20	6.29	3.8	2.7	1.7	7.1	30	7.8	17	2487	18127	0.90	0.32	0.40	1.2	9.2	2.8	5.8	0.3	0.3
Polypeptone™ Peptone, BBL	13.1	5.2	0.40	8.06	9.7	4.9	2.7	7.3	271	16.7	342	7340	44257	1.00	0.40	3.40	1.2	4.1	2.4	3.3	0.4	0.4
Proteose Peptone, Bacto	14.3	2.8	0.20	12.02	7.8	3.0	4.9	6.7	120	13.5	261	9123	29730	2.65	0.19	0.64	0.5	6.0	0.4	4.7	0.1	0.4
Proteose Peptone, BiTek™	13.1	3.1	0.24	10.30	13.1	4.8	10.3	6.8	219	12.0	680	7390	44750	4.93	1.01	0.94	0.8	7.0	0.4	4.4	0.1	0.6
Proteose Peptone No. 2, Bacto	12.9	5.0	0.39	18.07	12.1	3.5	7.1	7.3	151	10.2	212	13313	47610	3.86	0.38	1.88	1.6	5.2	1.4	4.1	0.5	1.1
Proteose Peptone No. 3, Bacto	13.4	3.7	0.28	17.94	10.5	2.3	6.6	7.4	132	23.7	103	13160	38113	2.54	0.37	1.51	0.9	5.2	0.8	4.3	0.3	0.6
Proteose Peptone No. 3, BiTek	12.8	3.1	0.24	12.35	13.1	1.3	12.5	6.7	129	10.6	214	8682	50153	9.40	0.17	1.22	0.8	6.4	0.8	5.1	0.1	0.7
Proteose Peptone No. 4, Bacto	14.3	2.7	0.19	12.17	7.8	3.3	3.9	7.0	169	12.5	280	9109	35280	2.63	0.34	0.72	0.5	6.5	0.4	4.6	0.1	0.3
Thiotone™ E Peptone, BBL	13.4	3.4	0.25	30.71	11.4	4.8	8.2	6.7	196	20.2	270	9629	46683	4.17	0.81	0.65	1.0	6.7	0.9	4.3	0.1	0.9
Tryptose, Bacto	13.3	4.5	0.34	10.56	8.8	3.2	3.2	7.3	191	34.2	110	9292	37740	1.61	0.23	2.05	1.2	4.3	1.9	3.5	0.4	0.5

LEGEND

- * = Partially destroyed during hydrolysis
- 0.0 = Below limit of detection
- = Free Amino Acids
- = Total Amino Acids

For analytical methods, see Methods of Detection

Aspartic Acid (% Total)	Cystine (% Free)	Glutamic Acid (% Free)	Glutamic Acid (% Total)	Glutamine (% Free)	Glycine (% Free)	Glycine (% Total)	Histidine (% Free)	Histidine (% Total)	Isoleucine (% Free)	Isoleucine (% Total)	Leucine (% Free)	Leucine (% Total)	Lysine (% Free)	Lysine (% Total)	Methionine (% Free)	Methionine (% Total) *	Phenylalanine (% Free)	Phenylalanine (% Total)	Proline (% Free)	Proline (% Total)	Serine (% Free)	Serine (% Total)*	Threonine (% Free)	Threonine (% Total)	Tryptophan (% Free)	Tyrosine (% Free)	Tyrosine (% Total)	Valine (% Free)	Valine (% Total)
5.5	0.2	2.5	14.6	0.1	0.5	2.3	0.4	2.1	1.3	5.1	3.8	7.2	4.0	5.7	0.8	1.6	2.5	5.0	0.3	5.7	0.8	2.1	0.6	1.8	0.7	0.6	1.5	1.4	5.4
2.4	0.0	0.6	6.4	0.0	1.0	8.2	0.1	1.4	0.2	1.3	0.4	2.8	0.6	2.5	0.3	0.7	0.2	1.5	0.4	7.2	0.3	0.3	0.2	0.4	0.2	0.3	0.8	0.2	2.0
4.7	0.3	0.2	7.9	0.1	0.5	16.8	0.3	1.0	0.5	1.6	0.9	3.2	2.0	3.3	0.3	0.8	1.1	2.4	0.1	9.7	0.2	1.8	0.1	0.9	0.0	0.5	0.6	0.3	2.3
4.2	0.4	0.6	7.4	0.0	0.2	3.4	0.1	1.2	0.3	2.3	1.6	4.6	0.8	4.0	0.5	1.0	1.3	2.7	0.1	4.7	0.3	0.8	0.2	0.9	0.3	0.8	2.2	0.3	2.9
5.0	0.0	0.7	8.1	0.0	0.7	15.9	0.2	0.8	0.6	2.1	1.6	3.8	2.2	3.4	0.3	0.7	1.4	2.8	0.3	8.8	0.4	1.5	0.3	1.1	0.3	0.5	0.6	0.7	2.8
6.1	0.3	0.9	12.6	0.1	0.5	3.0	0.4	2.1	1.1	3.8	3.9	6.2	3.6	6.2	1.0	1.9	2.4	3.6	0.3	5.4	0.7	2.1	0.7	1.9	0.6	0.7	1.6	1.3	4.7
5.3	0.4	0.7	8.4	0.0	0.2	8.2	0.1	1.3	0.3	3.3	1.4	5.7	0.8	4.2	0.3	1.4	1.0	3.6	0.1	4.6	0.2	1.7	0.2	1.5	0.1	0.6	1.8	0.2	3.7
3.9	0.4	0.4	6.3	0.1	0.4	7.3	0.1	0.8	0.4	2.0	1.4	4.2	0.9	3.4	0.6	1.0	1.1	2.3	0.1	6.3	0.2	0.3	0.1	0.7	0.1	0.5	1.2	0.4	2.8
5.5	1.0	1.8	7.5	0.1	0.9	6.2	0.3	1.3	1.1	3.7	3.3	6.2	2.5	4.2	0.8	1.2	2.2	3.9	0.5	3.8	0.8	1.9	0.6	1.7	0.5	0.7	1.3	1.0	4.0
5.1	0.6	1.2	8.0	0.0	0.4	6.5	0.1	1.3	0.6	3.2	2.3	5.6	1.5	4.2	0.6	1.3	1.5	3.5	0.3	3.8	0.5	1.6	0.4	1.5	0.3	0.8	1.6	0.5	3.5
5.7	1.2	0.4	11.3	0.1	0.3	1.1	0.1	1.1	0.3	2.5	1.5	4.7	0.3	4.2	0.7	1.2	0.9	2.6	0.7	6.5	0.3	1.6	0.4	0.5	0.0	1.0	1.9	0.7	3.6
4.4	0.3	0.6	6.5	0.0	0.2	5.9	0.1	1.1	0.3	2.2	1.2	4.3	0.7	4.0	0.5	1.1	0.9	2.3	0.1	5.0	0.2	0.4	0.2	0.8	0.2	0.5	1.6	0.2	2.9
4.4	0.6	0.6	7.4	0.0	0.4	10.7	0.1	0.8	0.5	2.8	1.8	5.5	1.4	2.8	0.5	1.1	1.4	3.6	0.1	6.2	0.3	1.6	0.2	1.2	0.1	0.6	1.2	0.6	3.5
5.1	0.4	1.3	10.6	0.0	0.4	4.4	0.3	1.5	1.0	4.0	3.5	6.4	3.5	4.9	0.9	1.6	2.2	4.0	0.4	4.8	0.7	1.8	0.6	1.6	0.5	0.6	1.4	1.3	4.4