

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 |