



| Product Group | Product | Source | Applications | | | | |
|--|--------------------------|--------------------------|-------------------------|------------|------------|-----------|---------|
| | | | Fermentation for Pharma | Diagnostic | Veterinary | Cosmetics | Tannery |
| Costantino Series Dairy Derived | Casein Peptone CM 65 | Casein | ■ | ■ | | | |
| | Casein Peptone FM 5 | Casein | ■ | | | | |
| | Casein Peptone FM 65 | Casein | ■ | | | | |
| | Casein Peptone Sp. Grade | Casein | | | | | |
| | Casein Peptone CM5 | Casein | ■ | ■ | | | |
| | Casein Peptone TT | Casein | | ■ | | | |
| | Casein Peptone CM 7 | Casein | ■ | | | | |
| | Casein Hydrolysate Acid | Casein | | ■ | | | |
| | Casein peptone CM4K | Casein | ■ | ■ | | | |
| | Casein Peptone CM 4 | Casein | ■ | ■ | | | |
| Costantino Series Meat based Peptones | Meat extract CM | Animal Tissue | ■ | ■ | | | |
| | Meat Extract FM | Animal Tissue | ■ | | | | |
| | Meat Peptone BPC CM | Animal Tissue | ■ | ■ | | | |
| | Meat peptone CM | Animal Tissue | ■ | ■ | | | |
| | Casein Meat Peptone | Casein and animal Tissue | ■ | ■ | | | |
| | Meat Peptone TO | Animal Tissue | ■ | | | | |
| Costantino Series Yeast Extracts | Yeast Autolysate | Baker's yeast | ■ | | | | |
| | Yeast Extract FM | Baker's yeast | ■ | | | | |
| | Yeast Extract CM | Baker's yeast | ■ | ■ | | | |
| | Yeast Extract paste | Baker's yeast | | | ■ | | |
| Costantino Series Non - Animal Peptones | Soy Peptone CM | Soy | ■ | ■ | | | |
| | Soy Peptone FM | Soy | ■ | | | | |
| | Malt Extract CM | Malt | ■ | ■ | | | |
| Costantino Series Other Products Specialties | Bact. Peptone FM1 | Animal tissues | ■ | | | | |
| | Bact. Peptone CM | Animal tissues | ■ | ■ | | | |
| | Gelatin Peptone CM | Pork gelatin | ■ | ■ | | | |
| | Proteose Peptone nr3 | Animal tissues | ■ | ■ | | | |
| | Proteose Peptone | Animal tissues | ■ | ■ | | | |
| | Soy/Casein Peptone | Casein and soy | ■ | ■ | | | |
| | Sib Brodo Base | Animal tissues | ■ | ■ | | | |
| | Liver Peptone CM | Pork liver | ■ | ■ | | | |
| | Tryptose | Animal tissues | ■ | ■ | | | |
| | Brain Extract CM | Pork brain | ■ | ■ | | | |
| | Heart Extract CM | Pork heart | ■ | ■ | | | |
| | Placenta Extract | Pork placenta | | | | ■ | |
| | Elastin Hydrolysate | Animal tissues | | | | ■ | |
| | Brain/Heart Extract CM | Pork brain and heart | ■ | ■ | | | |

The information presented in this document is submitted in good faith based on internal testing performed at A. Costantino S.p.A. and represents the best of our knowledge in the present time. It is provided as a guide and no warranty, implied or otherwise is associated with the data, nor is any liability assumed for patent infringement. All data represents typical analyses not to be taken for exact specifications.

End users are directed to perform proprietary tests to determine suitability and performance for specific applications. The informations and results contained in this technical data sheet are susceptible to modifications at any time, without prior warning.

| Product | Digestion | Loss on dryng | Sulphated ashes | pH | TN | AN | AN/TN | Reducing sugars |
|--------------------------|-----------|---------------|-----------------|-----|------|------|-------|-----------------|
| | | % | % | | % | % | Ratio | % |
| Casein Peptone CM 65 | Enzymatic | 3,3 | 12,8 | 6,8 | 12,2 | 6,2 | 50,8 | n.a. |
| Casein Peptone FM 5 | Enzymatic | 3,6 | 9,5 | 5 | 12,5 | 5,2 | 41,6 | n.a. |
| Casein Peptone FM 65 | Enzymatic | 3 | 9,7 | 5 | 12,3 | 6,4 | 52,0 | n.a. |
| Casein Peptone Sp. Grade | Enzymatic | 3,6 | 12,1 | 6,4 | 12,3 | 6,4 | 52,0 | n.a. |
| Casein Peptone CM5 | Enzymatic | 3 | 14,9 | 6,9 | 12,2 | 4,8 | 39,3 | n.a. |
| Casein Peptone TT | Enzymatic | 2,9 | 12,7 | 7 | 12,6 | 3,5 | 28,2 | n.a. |
| Casein Peptone CM 7 | Enzymatic | 3,1 | 13,4 | 6,8 | 12,1 | 7,2 | 59,5 | n.a. |
| Casein Hydrolysate Acid | Acid | 3,7 | 30,2 | 6,8 | 9,9 | 4,2 | 41,2 | n.a. |
| Casein peptone CM4K | Enzymatic | 3,1 | 13,5 | 6,7 | 12,6 | 4,1 | 32,3 | n.a. |
| Casein Peptone CM 4 | Enzymatic | 2,5 | 10,5 | 6,8 | 12,7 | 4,3 | 33,8 | n.a. |
| Meat extract CM | Enzymatic | 3,7 | 15 | 6,9 | 12,4 | 3,6 | 29,0 | n.a. |
| Meat Extract FM | Enzymatic | 3,2 | 16,2 | 5,2 | 12,1 | 3,9 | 32,2 | n.a. |
| Meat Peptone BPC CM | Enzymatic | 3,3 | 8,5 | 6,9 | 14,6 | 2,9 | 19,9 | n.a. |
| Meat peptone CM | Enzymatic | 3,2 | 13 | 7 | 12,7 | 3,9 | 32,2 | n.a. |
| Casein Meat Peptone | Enzymatic | 3,8 | 16 | 6,9 | 12,3 | 4,5 | 36,6 | n.a. |
| Meat Peptone TO | Enzymatic | 3 | 20 | 5,1 | 12,1 | 3,2 | 26,2 | n.a. |
| Yeast Autolysate | Enzymatic | 3,1 | 12 | 5,1 | 9 | 3,1 | 34,4 | n.a. |
| Yeast Extract FM | Enzymatic | 3,8 | 11,2 | 5,1 | 9,3 | 2,9 | 31,2 | n.a. |
| Yeast Extract CM | Enzymatic | 4,0 | 15,8 | 7,0 | 8,7 | 3,2 | 36,8 | n.a. |
| Yeast Extract paste | Enzymatic | 66,5 | 9,4 | 5,4 | 8,5 | 3,4 | 40,0 | n.a. |
| Soy Peptone CM | Enzymatic | 2,6 | 12,2 | 6,8 | 10,2 | 2,8 | 27,5 | n.a. |
| Soy Peptone FM | Enzymatic | 2,8 | 9,2 | 5 | 9,7 | 2,6 | 26,8 | n.a. |
| Malt Extract CM | Enzymatic | 3,2 | 2,9 | 5,6 | n.a. | n.a. | n.a. | 80 |
| Bact. Peptone FM1 | Enzymatic | 3,6 | 8 | 5,1 | 13,9 | 3,8 | 27,3 | n.a. |
| Bact. Peptone CM | Enzymatic | 3 | 9,7 | 7 | 13,8 | 3,3 | 23,9 | n.a. |
| Gelatin Peptone CM | Enzymatic | 2,4 | 6,6 | 7,1 | 15,3 | 2,8 | 18,3 | n.a. |
| Proteose Peptone nr3 | Enzymatic | 3,6 | 13,9 | 7 | 11,6 | 4 | 34,5 | n.a. |
| Proteose Peptone | Enzymatic | 3,8 | 14,1 | 7 | 12,4 | 4 | 32,2 | n.a. |
| Soy/Casein Peptone | Enzymatic | 3,4 | 13,2 | 6,9 | 10,9 | 4,2 | 38,5 | n.a. |
| Sib Brodo Base | Enzymatic | 3,5 | 19 | 7,1 | 11,2 | 4,8 | 42,1 | n.a. |
| Liver Peptone CM | Enzymatic | 4 | 12,4 | 6,7 | 11,4 | 5,7 | 50,0 | n.a. |
| Tryptose | Enzymatic | 3,1 | 18 | 7 | 12,2 | 4,3 | 35,8 | n.a. |
| Brain Extract CM | Enzymatic | 3,5 | 28 | 7,2 | 10,5 | 3,6 | 36,0 | n.a. |
| Heart Extract CM | Enzymatic | 3 | 16 | 7,1 | 12,4 | 4 | 32,0 | n.a. |
| Placenta Extract | Enzymatic | 3,4 | 9,1 | 4,7 | 13 | 5,2 | 40,0 | n.a. |
| Elastin Hydrolyisate | Enzymatic | 3 | 8,7 | 5,4 | 13,4 | 4,3 | 32,1 | n.a. |
| Brain/Heart Extract CM | Enzymatic | 3,2 | 22 | 7,1 | 11,4 | 3,8 | 34,0 | n.a. |

The information presented in this document is submitted in good faith based on internal testing performed at A. Costantino S.p.A. and represents the best of our knowledge in the present time. It is provided as a guide and no warranty, implied or otherwise is associated with the data, nor is any liability assumed for patent infringement. All data represents typical analyses not to be taken for exact specifications.

End users are directed to perform proprietary tests to determine suitability and performance for specific applications. The informations and results contained in this technical data sheet are susceptible to modifications at any time, without prior warning.

| Product | Molecular Weight Distribution | | | | | | | | | | |
|--------------------------|-------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|------------------|------------------|----------------|---------------|--|
| | Dalton / % | | | | | | | | | | |
| Casein Peptone CM 65 | 10400-7400 23,8 | 7400-6200 7,7 | 6200-5200 4,3 | 5200-4100 3,5 | 4100-1400 17,6 | 1400-1000 3,3 | 1000-600 3 | < 600 36,9 | | | |
| Casein Peptone FM 5 | 9000-4900 33,6 | 4900-3400 13,7 | 3400-1400 11,9 | 1200-1000 2,9 | 1000-800 3,8 | 800-600 1,2 | < 600 32,9 | | | | |
| Casein Peptone FM 65 | 8900-5100 32,3 | 5100-3200 12,3 | 3200-1400 12,2 | 1200-1000 3,2 | 1000-800 4,9 | 800-600 1,3 | < 600 33,8 | | | | |
| Casein Peptone Sp. Grade | 10800-6400 23,3 | 6400-4200 13,8 | 4200-1700 20,4 | 1700-1200 1 | 1200-1000 4,7 | 1000-600 5,3 | < 600 31,4 | | | | |
| Casein Peptone CM5 | Available on request | | | | | | | | | | |
| Casein Peptone TT | Available on request | | | | | | | | | | |
| Casein Peptone CM 7 | Available on request | | | | | | | | | | |
| Casein Hydrolysate Acid | Available on request | | | | | | | | | | |
| Casein peptone CM4K | Available on request | | | | | | | | | | |
| Casein Peptone CM 4 | Available on request | | | | | | | | | | |
| Meat extract CM | 12400-5600 43,1 | 5600-4000 9,7 | 4000-1700 13 | 1700-1000 5,1 | 1000-800 10 | 800-600 4,6 | < 600 14,5 | | | | |
| Meat Extract FM | 12400-7400 25,4 | 7400-6300 12,6 | 6300-5600 5,8 | 5600-4600 5,8 | 4600-4000 2,6 | 4000-1600 10,4 | 1600-1000 6,1 | 1000-800 12,7 | 800-600 3,9 | < 600 14,6 | |
| Meat Peptone BPC CM | 11800-5300 49,9 | 5300-4200 6,3 | 4200-1600 15,4 | 1600-1000 6,5 | 1000-800 7,2 | 800-600 3,3 | < 600 11,4 | | | | |
| Meat peptone CM | Available on request | | | | | | | | | | |
| Casein Meat Peptone | Available on request | | | | | | | | | | |
| Meat Peptone TO | Available on request | | | | | | | | | | |
| Yeast Autolysate | 10000-3800 64,7 | 3800-2800 4,0 | 2800-2000 4,7 | 1200-500 12,7 | < 500 13,9 | | | | | | |
| Yeast Extract FM | 10000-3800 64,7 | 3800-2800 4,0 | 2800-2000 4,7 | 1200-500 12,7 | < 500 13,9 | | | | | | |
| Yeast Extract CM | Available on request | | | | | | | | | | |
| Yeast Extract paste | Available on request | | | | | | | | | | |
| Soy Peptone CM | 11800-5400 55,3 | 5400-1600 24,4 | 1600-1200 4,5 | 1200-1000 3,6 | 1000-600 3,4 | < 600 8,9 | | | | | |
| Soy Peptone FM | 10100-6600 30,4 | 6600-5600 17,6 | 5600-4300 12,4 | 4300-3400 9,5 | 3400-2200 6,1 | 2200-1200 3,8 | 1200-1000 5,8 | 1000-800 2,0 | 800-600 4 | < 600 8,4 | |
| Malt Extract CM | 16000-6400 61,2 | 6400-4800 12,2 | 4800-1800 11,8 | 1800-1000 2,8 | 1000-600 2,3 | <600 9,8 | | | | | |
| Bact. Peptone FM1 | 12500-4400 59,7 | 4400-1300 17,0 | 1300-1000 1,8 | 1000-800 2,7 | 800-600 0,7 | < 600 18,1 | | | | | |
| Bact. Peptone CM | 11200-5200 56,5 | 5200-4200 5,3 | 4200-1400 12,8 | 1400-1000 1,9 | 1000-800 3,2 | 800-600 2,5 | < 600 17,8 | | | | |
| Gelatin Peptone CM | Available on request | | | | | | | | | | |
| Proteose Peptone nr3 | Available on request | | | | | | | | | | |
| Proteose Peptone | Available on request | | | | | | | | | | |
| Soy/Casein Peptone | 10500-5300 44,6 | 5300-4600 4,3 | 4600-3800 4,8 | 3800-1400 15,8 | 1400-1000 4,7 | 1000-600 2,8 | <600 23,1 | | | | |
| Sib Brodo Base | 10900-7400 26,3 | 7400-6000 16,6 | 6000-4400 10,4 | 4400-3800 2,7 | 3800-2200 9,4 | 2200-1400 1,4 | 1400-1000 3,3 | 1000-600 6,9 | <600 23 | | |
| Liver Peptone CM | 10700-7100 20,7 | 7100-4400 24,3 | 4400-3700 3,2 | 3700-1900 13,4 | 1900-1100 1,9 | 1100-900 10,8 | 900-600 5,9 | <600 19,9 | | | |
| Tryptose | Available on request | | | | | | | | | | |
| Brain Extract CM | Available on request | | | | | | | | | | |
| Heart Extract CM | Available on request | | | | | | | | | | |
| Placenta Extract | Available on request | | | | | | | | | | |
| Elastin Hydrolisate | Available on request | | | | | | | | | | |
| Brain/Heart Extract CM | Available on request | | | | | | | | | | |

The information presented in this document is submitted in good faith based on internal testing performed at A. Costantino S.p.A. and represents the best of our knowledge in the present time. It is provided as a guide and no warranty, implied or otherwise is associated with the data, nor is any liability assumed for patent infringement. All data represents typical analyses not to be taken for exact specifications.

End users are directed to perform proprietary tests to determine suitability and performance for specific applications. The informations and results contained in this technical data sheet are susceptible to modifications at any time, without prior warning.



| Product | Aspartic Acid | Glutamic Acid | Alanine | Arginine | Fenilalanine | Glycine | Hydrossiproline | Isoleucine | Histidine | Leucine |
|--------------------------|----------------------|---------------|---------|----------|--------------|---------|-----------------|------------|-----------|---------|
| Casein Peptone CM 65 | 55 | 168 | 28 | 23 | 37 | 17 | n.d.. | 43 | 38 | 77 |
| Casein Peptone FM 5 | 52 | 158 | 24 | 26 | 34 | 15 | n.d.. | 38 | 24 | 74 |
| Casein Peptone FM 65 | 64 | 175 | 27 | 24 | 38 | 17 | n.d.. | 42 | 41 | 77 |
| Casein Peptone Sp. Grade | 58 | 174 | 25 | 26 | 38 | 16 | n.d.. | 41 | 32 | 74 |
| Casein Peptone CM5 | Available on request | | | | | | | | | |
| Casein Peptone TT | Available on request | | | | | | | | | |
| Casein Peptone CM 7 | Available on request | | | | | | | | | |
| Casein Hydrolysate Acid | Available on request | | | | | | | | | |
| Casein peptone CM4K | Available on request | | | | | | | | | |
| Casein Peptone CM 4 | Available on request | | | | | | | | | |
| Meat extract CM | 61 | 123 | 50 | 44 | 26 | 71 | 38 | 26 | 29 | 49 |
| Meat Extract FM | 58 | 110 | 54 | 44 | 24 | 103 | 47 | 23 | 39 | 46 |
| Meat Peptone BPC CM | 68 | 101 | 77 | 60 | 28 | 162 | 90 | 11 | 29 | 46 |
| Meat peptone CM | 51 | 133 | 54 | 48 | 26 | 96 | 45 | 29 | 29 | 51 |
| Casein Meat Peptone | 50 | 100 | 47 | 34 | 27 | 131 | n.d. | 28 | 41 | 53 |
| Meat Peptone TO | 58 | 85 | 59 | 37 | 38 | 66 | 19 | 17 | 45 | 68 |
| Yeast Autolysate | 57 | 107 | 37 | 24 | 22 | 26 | n.d. | 26 | 19 | 37 |
| Yeast Extract FM | 55 | 110 | 36 | 24 | 20 | 26 | n.d. | 24 | 22 | 34 |
| Yeast Extract CM | 54 | 101 | 36 | 22 | 23 | 27 | n.d. | 29 | 33 | 40 |
| Yeast Extract paste | 55 | 109 | 36 | 24 | 20 | 25 | n.d. | 23 | 20 | 33 |
| Soy Peptone CM | 70 | 131 | 27 | 41 | 30 | 26 | n.d. | 30 | 32 | 51 |
| Soy Peptone FM | 73 | 126 | 28 | 42 | 30 | 28 | n.d. | 24 | 30 | 48 |
| Malt Extract CM | 5 | 8 | 4 | 2 | 2 | 3 | n.d. | 2 | 2 | 3 |
| Bact. Peptone FM1 | 56 | 142 | 66 | 56 | 30 | 147 | 20 | 27 | 37 | 54 |
| Bact. Peptone CM | 59 | 134 | 59 | 48 | 29 | 121 | 15 | 28 | 35 | 52 |
| Gelatin Peptone CM | 67 | 113 | 87 | 74 | 22 | 114 | 98 | 15 | 14 | 32 |
| Proteose Peptone nr3 | 42 | 76 | 33 | 35 | 29 | 47 | n.d. | 38 | 29 | 57 |
| Proteose Peptone | 46 | 133 | 29 | 28 | 25 | 41 | n.d. | 27 | 19 | 48 |
| Soy/Casein Peptone | 61 | 153 | 27 | 29 | 33 | 22 | n.d. | 35 | 39 | 62 |
| Sib Brodo Base | 54 | 143 | 33 | 24 | 30 | 34 | 8 | 32 | 43 | 64 |
| Liver Peptone CM | 68 | 101 | 50 | 19 | 33 | 46 | n.d. | 31 | 80 | 71 |
| Tryptose | 70 | 169 | 37 | 34 | 40 | 32 | 4 | 44 | 33 | 82 |
| Brain Extract CM | 90 | 135 | 60 | 38 | 39 | 48 | 1 | 37 | 71 | 74 |
| Heart Extract CM | 74 | 135 | 60 | 40 | 33 | 56 | 9 | 34 | 47 | 71 |
| Placenta Extract | 82 | 129 | 60 | 55 | 33 | 86 | n.d. | 28 | 49 | 64 |
| Elastin Hydrolisate | n.d. | n.d. | n.d. | n.d. | n.d. | n.d. | n.d. | n.d. | n.d. | n.d. |
| Brain/Heart Extract CM | 72 | 120 | 53 | 35 | 32 | 47 | 5 | 32 | 51 | 64 |

The information presented in this document is submitted in good faith based on internal testing performed at A. Costantino S.p.A. and represents the best of our knowledge in the present time. It is provided as a guide and no warranty, implied or otherwise is associated with the data, nor is any liability assumed for patent infringement. All data represents typical analyses not to be taken for exact specifications.

End users are directed to perform proprietary tests to determine suitability and performance for specific applications. The informations and results contained in this technical data sheet are susceptible to modifications at any time, without prior warning.



| Product | Lysine | Methionine | Proline | Serine | Tyrosine | Triptofano | Threonine | Valine | Total Amino Acids |
|--------------------------|----------------------|------------|---------|--------|----------|------------|-----------|--------|-------------------|
| Casein Peptone CM 65 | 58 | 20 | 81 | 39 | 13 | n.d. | 32 | 54 | 783 |
| Casein Peptone FM 5 | 55 | 21 | 76 | 41 | 18 | 9 | 31 | 48 | 733 |
| Casein Peptone FM 65 | 60 | 21 | 79 | 42 | 12 | n.d. | 35 | 54 | 807 |
| Casein Peptone Sp. Grade | 58 | 18 | 83 | 43 | 9 | n.d. | 34 | 53 | 782 |
| Casein Peptone CM5 | Available on request | | | | | | | | |
| Casein Peptone TT | Available on request | | | | | | | | |
| Casein Peptone CM 7 | Available on request | | | | | | | | |
| Casein Hydrolysate Acid | Available on request | | | | | | | | |
| Casein peptone CM4K | Available on request | | | | | | | | |
| Casein Peptone CM 4 | Available on request | | | | | | | | |
| Meat extract CM | 45 | 13 | 73 | 24 | 13 | n.d. | 20 | 35 | 739 |
| Meat Extract FM | 42 | 11 | 70 | 32 | 9 | n.d. | 26 | 30 | 769 |
| Meat Peptone BPC CM | 44 | 7 | 101 | 35 | 6 | n.d. | 25 | 34 | 922 |
| Meat peptone CM | 46 | 13 | 91 | 29 | 6 | n.d. | 25 | 39 | 811 |
| Casein Meat Peptone | 47 | 12 | 80 | 26 | 8 | n.d. | 19 | 40 | 742 |
| Meat Peptone TO | 52 | 10 | 47 | 26 | 12 | n.d. | 26 | 47 | 711 |
| Yeast Autolysate | 39 | 7 | 20 | 21 | 13 | n.d. | 22 | 33 | 508 |
| Yeast Extract FM | 36 | 6 | 19 | 23 | 13 | n.d. | 23 | 30 | 499 |
| Yeast Extract CM | 43 | 7 | 21 | 25 | 8 | n.d. | 23 | 35 | 526 |
| Yeast Extract paste | 35 | 5 | 19 | 22 | 15 | n.d. | 22 | 29 | 494 |
| Soy Peptone CM | 42 | 6 | 38 | 29 | 20 | n.d. | 23 | 32 | 628 |
| Soy Peptone FM | 38 | 5 | 33 | 27 | 17 | n.d. | 23 | 27 | 599 |
| Malt Extract CM | 3 | 1 | 4 | 2 | 1 | n.d. | 2 | 3 | 46 |
| Bact. Peptone FM1 | 49 | 11 | 117 | 40 | 16 | n.d. | 26 | 38 | 930 |
| Bact. Peptone CM | 46 | 8 | 104 | 34 | 14 | n.d. | 23 | 38 | 846 |
| Gelatin Peptone CM | 37 | 9 | 129 | 25 | 24 | n.d. | 17 | 26 | 903 |
| Proteose Peptone nr3 | 37 | 14 | 63 | 117 | 14 | n.d. | 7 | 38 | 676 |
| Proteose Peptone | 40 | 9 | 72 | 29 | 10 | n.d. | 22 | 34 | 609 |
| Soy/Casein Peptone | 50 | 10 | 59 | 33 | 17 | n.d. | 27 | 41 | 698 |
| Sib Brodo Base | 45 | 21 | 71 | 32 | 13 | n.d. | 26 | 42 | 714 |
| Liver Peptone CM | 48 | 15 | 41 | 22 | 5 | n.d. | 29 | 48 | 706 |
| Tryptose | 55 | 21 | 72 | 31 | 17 | n.d. | 29 | 54 | 823 |
| Brain Extract CM | 57 | 18 | 33 | 29 | 21 | n.d. | 33 | 45 | 830 |
| Heart Extract CM | 54 | 18 | 38 | 22 | 20 | n.d. | 27 | 45 | 781 |
| Placenta Extract | 56 | 13 | 59 | 19 | 6 | n.d. | 26 | 44 | 809 |
| Elastin Hydrolysate | n.d. | n.d. | n.d. | n.d. | n.d. | n.d. | n.d. | n.d. | n.d. |
| Brain/Heart Extract CM | 49 | 16 | 33 | 22 | 18 | n.d. | 26 | 40 | 715 |

The information presented in this document is submitted in good faith based on internal testing performed at A. Costantino S.p.A. and represents the best of our knowledge in the present time. It is provided as a guide and no warranty, implied or otherwise is associated with the data, nor is any liability assumed for patent infringement. All data represents typical analyses not to be taken for exact specifications.

End users are directed to perform proprietary tests to determine suitability and performance for specific applications. The informations and results contained in this technical data sheet are susceptible to modifications at any time, without prior warning.



| Product | Na Tot. | K Tot. | Ca Tot. | Mg Tot. | P Tot. | Fe Tot. |
|--------------------------|----------------------|--------|---------|---------|--------|---------|
| | % | ppm | ppm | ppm | % | ppm |
| Casein Peptone CM 65 | 3,7 | 410 | 1000 | 860 | 0,51 | < 10 |
| Casein Peptone FM 5 | 3,2 | 280 | 500 | 240 | 0,51 | 12 |
| Casein Peptone FM 65 | 3,8 | 310 | 600 | 260 | 0,52 | < 10 |
| Casein Peptone Sp. Grade | 2,7 | 300 | 1000 | 1250 | 0,12 | 220 |
| Casein Peptone CM5 | Available on request | | | | | |
| Casein Peptone TT | Available on request | | | | | |
| Casein Peptone CM 7 | Available on request | | | | | |
| Casein Hydrolysate Acid | Available on request | | | | | |
| Casein peptone CM4K | Available on request | | | | | |
| Casein Peptone CM 4 | Available on request | | | | | |
| Meat extract CM | 3,80 | 2300 | 230 | 660 | 0,15 | < 10 |
| Meat Extract FM | 3,70 | 2600 | 86 | 430 | 0,15 | < 10 |
| Meat Peptone BPC CM | 2,80 | 950 | 800 | 1340 | 0,10 | < 10 |
| Meat peptone CM | Available on request | | | | | |
| Casein Meat Peptone | Available on request | | | | | |
| Meat Peptone TO | Available on request | | | | | |
| Yeast Autolysate | 0,30 | 9800 | 240 | 1900 | 0,10 | 47 |
| Yeast Extract FM | 0,30 | 15000 | 280 | 3000 | 0,11 | < 10 |
| Yeast Extract CM | Available on request | | | | | |
| Yeast Extract paste | Available on request | | | | | |
| Soy Peptone CM | 6,50 | 9600 | 110 | 1400 | 0,13 | 48 |
| Soy Peptone FM | 0,10 | 9600 | 500 | 3700 | 0,10 | 35 |
| Malt Extract CM | Available on request | | | | | |
| Bact. Peptone FM1 | 1,40 | 110 | 490 | 160 | 0,11 | < 10 |
| Bact. Peptone CM | 2,80 | 2200 | 420 | 170 | 0,10 | < 10 |
| Gelatin Peptone CM | Available on request | | | | | |
| Proteose Peptone nr3 | Available on request | | | | | |
| Proteose Peptone | Available on request | | | | | |
| Soy/Casein Peptone | Available on request | | | | | |
| Sib Brodo Base | Available on request | | | | | |
| Liver Peptone CM | Available on request | | | | | |
| Tryptose | Available on request | | | | | |
| Brain Extract CM | Available on request | | | | | |
| Heart Extract CM | Available on request | | | | | |
| Placenta Extract | Available on request | | | | | |
| Elastin Hydrolysate | Available on request | | | | | |
| Brain/Heart Extract CM | Available on request | | | | | |

The information presented in this document is submitted in good faith based on internal testing performed at A. Costantino S.p.A. and represents the best of our knowledge in the present time. It is provided as a guide and no warranty, implied or otherwise is associated with the data, nor is any liability assumed for patent infringement. All data represents typical analyses not to be taken for exact specifications.

End users are directed to perform proprietary tests to determine suitability and performance for specific applications. The informations and results contained in this technical data sheet are susceptible to modifications at any time, without prior warning.