

Product Catalogue Peptones



Product Group	Product	Source	Applications				
			Fermentation for Pharma	Diagnostic	Veterinary	Cosmetics	Tannery
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	■	■			
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	■				
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			■	■	
Non - Animal Peptones	Soy Peptone CM	Soy	■	■		■	
	Soy Peptone FM	Soy	■			■	
	Malt Extract CM	Malt	■	■		■	
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	■	■		■	

Chemical and Physical Properties Typical Values



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.

n.a. = not applicable
n.d.= not determined



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										

Total Amino Acids (mg/g)



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 Hydrolyisate	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

n.a. = not applicable
n.d.= not determined

Total Amino Acids (mg/g)



Product	Total Amino Acids								Total Amino Acids
	Lysine	Methionine	Proline	Serine	Tyrosine	Triptofano	Threonine	Valine	
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

n.a. = not applicable
n.d.= not determined

Minerals



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					