

# PEPTONES, INFUSIONS, EXTRACTS and RAW MATERIALS: TYPICAL ANALYSES



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TYPICAL ANALYSIS	CAT. N°	%					pH (2% solution)	%				AMINO ACIDS (%)																MICROBIOLOGICAL ANALYSIS				DIGESTION		
		Amino Nitrogen (AN)	Total Nitrogen (TN)	AN/TN Ratio	Loss on drying	Ash		Calcium	Magnesium	Potassium	Sodium	Alanine	Arginine	Aspartic acid	Cystine	Glutamic acid	Glycine	Histidine	Isoleucine	Leucine	Lysine	Methionine	Phenylalanine	Proline	Serine	Threonine	Tryptophan	Tyrosine	Valine	Standard plate count	Yeast and molds		Coliforms	Salmonella
ACID CASEIN PEPTONE (H)	1604	5.40	8.80	61.40	3.00	33.00	6.8	0.015	0.0050	0.035	12.25	1.70	2.00	5.30	0.20	13.70	1.00	1.40	2.90	5.00	4.60	1.50	2.00	5.80	2.80	2.00	< 1.0	1.70	3.60	< 5000	< 100	Neg	Neg	Acid Hydrolysis
BACTERIOLOGICAL OX BILE (i)	1710				3.10		8.3																						< 5000	< 100	Neg	Neg	Purification	
BACTERIOLOGICAL PEPTONE	1616	3.00	15.55	19.20	3.20	4.70	6.9	0.023	0.0130	0.25	1.40	7.95	7.21	6.42	0.14	9.93	20.71	0.93	1.41	3.02	3.69	0.92	1.94	11.71	3.51	1.90	0.09	0.75	2.40	<5000	< 100	Neg	Neg	Enzymatic
BEEF EXTRACT POWDER	1700	4.10	12.48	32.90	2.50	9.40	6.8	0.011	0.0190	2.60	1.60	3.28	3.22	6.60	0.35	15.86	2.29	2.08	3.91	6.50	5.98	1.63	3.58	6.91	4.37	3.56	0.97	1.68	4.85	<5000	< 100	Neg	Neg	Extraction
BILE SALTS N° 3 (ii)	1706				4.10		8.1																					< 5000	< 100	Neg	Neg	Purification		
CASEIN CC PEPTONE	1603	4.15	13.10	31.67	3.15	6.80	6.8	0.020	0.0069	1.80	2.20	2.94	3.36	6.28	0.41	17.90	1.88	2.39	4.44	7.60	6.63	2.31	4.13	8.62	5.02	3.96	0.92	1.85	5.50	< 5000	< 100	Neg	Neg	Enzymatic
CASEIN PEPTONE	1602	4.20	13.13	32.00	3.30	6.00	6.8	0.019	0.0079	1.30	2.10	2.91	3.30	6.99	0.44	18.74	1.86	2.38	4.45	7.62	6.60	2.32	4.11	8.65	5.08	3.91	0.95	1.86	5.51	<5000	< 100	Neg	Neg	Enzymatic
CASEIN PEPTONE N° 2	1620	4.20	13.49	31.10	3.30	6.40	6.8	0.019	0.0057	0.86	2.20	2.74	3.29	6.99	0.49	19.23	1.73	2.44	4.52	7.70	6.73	2.45	4.18	9.11	5.14	3.95	1.00	1.91	5.59	< 5000	< 100	Neg	Neg	Enzymatic
CASEIN PEPTONE HS (High Solubility)	1622	5.90	12.26	48.10	3.00	6.20	6.6	0.039	0.0098	0.48	2.90	2.44	2.99	5.98	0.30	16.36	1.69	2.20	3.99	6.52	7.82	1.46	3.51	7.90	4.53	5.87	0.94	1.23	4.96	< 5000	< 100	Neg	Neg	Enzymatic
GELATIN PEPTONE	1606	3.50	15.48	22.60	3.00	4.20	6.9	0.018	0.0100	1.10	0.97	7.89	7.16	6.34	0.13	9.58	20.60	0.89	1.39	2.84	3.61	0.85	1.88	11.46	3.45	1.87	0.09	0.71	2.31	<5000	< 100	Neg	Neg	Enzymatic
HEART INFUSION	1714	3.50	11.00	31.80	3.50	10.10	7.0	0.009	0.0200	1.40	3.60	3.20	3.55	6.05	0.31	15.97	2.50	2.13	3.91	6.68	6.01	1.75	3.66	7.04	4.54	3.12	0.87	1.61	4.73	< 5000	< 100	Neg	Neg	Extraction
LACTALBUMIN HYDROLYSATE	1626	5.30	12.40	42.70	4.40	5.30	6.8	0.078	0.0270	0.83	2.10	3.20	1.36	7.59	0.76	17.12	1.83	2.02	4.30	6.52	6.68	1.60	3.08	7.37	4.72	4.58	1.17	0.97	5.07	< 5000	< 100	Neg	Neg	Enzymatic
MALT EXTRACT (iii)	1708	0.40	1.30	30.77	2.50		5.0	0.014	0.0730	0.0005		0.40	0.50	0.90		1.60	0.40	0.60	0.50	0.60	0.60	0.20	0.70	0.60	0.40	0.40		0.30	0.60	< 5000	Neg	Neg	Neg	Enzymatic
MEAT PEPTONE	1600	3.70	12.33	30.00	2.70	9.20	6.9	0.072	0.0290	2.70	2.50	5.62	4.08	5.61	0.37	11.62	8.37	1.31	2.63	4.50	4.30	0.85	2.61	6.29	2.95	2.46	0.59	1.11	3.50	<5000	< 100	Neg	Neg	Enzymatic
PEPTONIZED MILK	1628	2.40	7.41	32.40	4.30	8.40	6.7	0.430	0.0610	1.20	1.90	1.56	1.71	3.86	0.28	10.01	1.07	1.29	2.43	4.25	3.35	1.02	2.18	4.81	2.73	2.18	0.52	1.20	2.98	< 5000	< 100	Neg	Neg	Enzymatic
POLYPEPTONE	1610	4.10	13.12	31.25	3.40	8.80	6.8	0.030	0.0140	1.60	2.12	4.05	3.76	8.83	0.43	15.97	5.70	1.81	3.44	5.99	5.50	1.81	3.34	8.21	4.33	3.31	0.80	1.42	4.37	<5000	< 100	Neg	Neg	Enzymatic
PORK BRAIN HEART INFUSION	1712	3.30	11.81	27.90	3.50	9.20	7.2	0.020	0.0120	2.11	4.09	3.47	3.31	8.78	0.50	15.04	3.45	1.72	3.35	5.80	5.40	1.65	3.15	6.25	3.80	6.27	0.87	1.49	4.21	< 5000	< 100	Neg	Neg	Extraction
PORK HEART INFUSION	1716	3.50	11.67	30.00	4.00	10.50	7.1	0.018	0.0120	2.36	3.96	3.32	3.08	8.77	0.54	14.77	2.55	0.05	3.39	5.83	5.43	1.65	3.15	5.84	3.81	3.33	0.91	1.44	4.22	< 5000	< 100	Neg	Neg	Extraction
PORK MEAT PEPTONE	1624	3.70	13.08	28.30	2.70	9.50	6.9	0.023	0.0200	1.66	2.65	5.38	4.55	8.56	0.29	12.38	9.85	1.24	2.45	4.32	4.37	1.19	2.48	7.37	3.26	2.58	0.52	1.22	3.30	< 5000	< 100	Neg	Neg	Enzymatic
PROTEOSE PEPTONE	1609	4.30	12.57	34.20	3.00	7.80	6.7	0.024	0.0230	1.40	2.70	3.49	3.54	6.50	0.38	15.51	3.41	1.98	3.66	6.68	5.81	1.64	3.53	7.11	4.30	3.46	0.80	1.59	4.82	<5000	< 100	Neg	Neg	Enzymatic
PROTEOSE PEPTONE N°3	1607	4.35	12.42	35.02	3.20	8.20	6.8	0.024	0.0200	2.20	2.40	3.48	3.29	6.69	0.47	16.14	2.90	1.99	3.83	6.50	5.95	1.77	3.56	6.95	4.30	3.57	0.95	1.58	4.89	<5000	< 100	Neg	Neg	Enzymatic
SOY PEPTONE	1608	3.00	12.54	23.90	2.80	8.70	6.8	0.026	0.0120	1.50	3.00	4.73	4.31	5.94	0.34	9.98	11.38	0.94	1.56	2.82	3.08	0.73	1.83	6.88	2.81	1.78	0.19	1.06	2.09	<5000	< 100	Neg	Neg	Enzymatic
TRYPTONE	1612	4.20	13.31	31.70	3.30	6.00	6.8	0.019	0.0065	0.95	2.10	2.87	3.31	6.52	0.40	18.70	1.79	2.29	4.48	7.63	6.51	2.35	4.09	8.65	5.08	3.91	1.05	1.86	5.51	<5000	< 100	Neg	Neg	Enzymatic
TRYPTOSE	1614	4.40	13.40	32.50	3.20	9.70	7.4	0.001	0.0220	0.679	3.41	4.45	4.65	6.34	0.44	13.92	2.84	<0.01	0.34	3.67	4.64	1.92	7.52	6.33	4.09	3.55	0.62	2.21	1.93	<5000	< 100	Neg	Neg	Enzymatic
YEAST EXTRACT	1702	5.40	10.70	50.46	3.30	9.50	6.8	0.100	0.1000	5.70	0.30	8.70	5.00	9.70	0.80	16.10	4.90	2.00	5.60	7.60	8.00	1.30	3.80	4.00	4.70	4.40	1.20	2.30	5.80	<5000	< 100	Neg	Neg	Autolysis

NOTES	Additional Chemical Characteristics [%]			
	BACTERIOLOGICAL OX BILE (i)	BILE SALTS N° 3 (ii)	MALT EXTRACT (iii)	
	Cholic acid	Sodium cholate	Sulfuric ash	49.4
		Sugar content		1.4