

Peptide Array, Sin Nombre Virus, NM H10, L Protein

Catalog No. NR-4765

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Product Description: The 370-peptide array spans the L protein of Sin Nombre virus, NM H10 (GenPept: AAC42204). Peptides are 15- to 17-mers, with 11 to 13 amino acid overlaps.

Lot: R503-1 to R503-370

The following information applies to all peptides:

- Appearance White lyophilized powder
- Mass spectral analysis Correct MW by MALDI-TOF
- Counter Ion Trifluoroacetate

Peptide-specific information is shown in the two tables below.

Table 1							
Peptide	Date of Mfg.	Length	Sequence	Molecular Weight (amu)	Hydrophilicity	Purity by HPLC ^a	Peptide Content ^b
1 of 370	5/3/2007	17	1-MEKYREIHQRVKEIPPG-17	2110.49	-1.40	84.5%	75.5%
2 of 370	5/3/2007	17	7-IHQRVKEIPPGASALE-23	1802.09	-0.37	84.7%	79.8%
3 of 370	5/3/2007	17	12-KEIPPGASALECLDLL-28	1726.05	0.39	95.0%	88.3%
4 of 370	5/3/2007	17	18-GASALECLDLLDRLYAV-34	1822.14	0.80	94.9%	88.9%
5 of 370	5/3/2007	17	24-CLDLLDRLYAVRHVDVVD-40	2015.32	0.27	98.0%	81.5%
6 of 370	5/3/2007	17	30-RLYAVRHVDVVDQMIKHD-46	2095.42	-0.59	95.1%	75.4%
7 of 370	5/3/2007	17	36-HDVVDQMIKHDWSDNKD-52	2082.24	-1.51	91.8%	78.5%
8 of 370	5/3/2007	17	42-MIKHDWSDNKDMERPIG-58	2072.37	-1.41	92.1%	78.4%
9 of 370	5/3/2007	17	48-SDNKDMERPIGQVLLMA-64	1917.25	-0.40	97.6%	84.9%
10 of 370	5/3/2007	17	53-MERPIGQVLLMAGVPND-69	1840.20	0.21	100.0%	89.0%
11 of 370	5/3/2007	17	58-GQVLLMAGVPNDVIQGM-74	1742.08	0.79	98.6%	88.4%
12 of 370	5/3/2007	16	64-AGVPNDVIQGMKVI-79	1698.02	0.07	96.7%	83.2%
13 of 370	5/3/2007	17	69-DVIQGMKVIPTSPSG-85	1786.09	-0.31	100.0%	83.9%
14 of 370	5/3/2007	16	74-MKVIPTSPSGQILK-89	1756.16	-0.36	90.5%	79.4%
15 of 370	5/3/2007	17	79-IPTSPSGQILKSFFRMT-95	1910.29	0.06	89.8%	84.8%
16 of 370	5/3/2007	17	85-GQILKSFFRMTPDNYKI-101	2058.45	-0.43	94.8%	81.9%
17 of 370	5/3/2007	17	91-FFRMTPDNYKITGALIE-107	2016.38	-0.09	95.8%	85.5%
18 of 370	5/3/2007	17	97-DNYKITGALIEFIEVTV-113	1925.23	0.55	93.4%	89.4%
19 of 370	5/3/2007	17	103-GALIEFIEVTVADVAK-119	1776.10	1.02	86.6%	88.6%
20 of 370	5/3/2007	17	109-IEVTVADVAKGIREKK-125	1857.22	-0.19	94.9%	76.5%
21 of 370	5/3/2007	17	115-ADVAKGIREKKLYESG-131	1892.23	-1.02	93.9%	73.4%
22 of 370	5/3/2007	16	121-IREKKLYESGLQFVE-136	1967.32	-0.85	100.0%	77.5%
23 of 370	5/3/2007	17	126-LKYESGLQFVESLLSQE-142	1970.22	-0.19	98.3%	89.6%
24 of 370	5/3/2007	17	132-LQFVESLLSQEHHKGN-148	1970.26	-0.45	100.0%	81.2%
25 of 370	5/3/2007	17	138-LLSQEHHKGNINQAYKI-154	1984.30	-0.97	97.3%	77.7%
26 of 370	5/3/2007	17	144-KKGNINQAYKITFDVVA-160	1909.24	-0.25	99.3%	80.7%
27 of 370	5/3/2007	17	149-NQAYKITFDVVAVKTDG-165	1869.13	-0.08	82.1%	84.5%
28 of 370	5/3/2007	17	155-TFDVVAVKTDGNSISTQ-171	1781.95	-0.02	95.7%	88.7%

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Peptide	Date of Mfg.	Length	Sequence	Molecular Weight (amu)	Hydrophilicity	Purity by HPLC ^a	Peptide Content ^b
29 of 370	5/3/2007	17	161-VKTDGNSISTQWPSRRN-177	1946.12	-1.46	100.0%	81.0%
30 of 370	5/3/2007	17	167-NISTQWPSRRNDGVVQH-183	1994.15	-1.29	90.4%	81.4%
31 of 370	5/3/2007	17	173-PSRRNDGVVQHMRVQA-189	1963.25	-0.79	91.3%	77.5%
32 of 370	5/3/2007	17	179-GVVQHMRVQADINIVR-195	1998.33	0.05	99.0%	81.4%
33 of 370	5/3/2007	16	185-RLVQADINIVREHLIK-200	1967.31	-0.29	99.7%	77.5%
34 of 370	5/3/2007	16	190-DINIVREHLIKPDERA-205	1968.22	-1.11	100.0%	77.5%
35 of 370	5/3/2007	17	195-REHLIKPDERASLEAMF-211	2042.39	-0.71	96.5%	78.2%
36 of 370	5/3/2007	17	201-PDERASLEAMFNLFKHFV-217	2004.33	-0.30	88.1%	81.5%
37 of 370	5/3/2007	17	207-LEAMFNLFKHFVGGPKLR-223	1957.39	0.00	95.1%	77.4%
38 of 370	5/3/2007	17	213-LKFHVGGPKLRYFNIPD-229	2001.37	-0.35	93.0%	77.8%
39 of 370	5/3/2007	17	219-GPKLRYFNIPDYKQSL-235	2036.38	-0.97	94.4%	81.7%
40 of 370	5/3/2007	17	225-FNIPDYKQSLCQPEIT-241	1993.28	-0.64	100.0%	89.7%
41 of 370	5/3/2007	16	231-KPQSLCQPEITNLIQY-246	1875.18	-0.52	95.9%	89.2%
42 of 370	5/3/2007	17	236-CQPEITNLIQYCKHWLT-252	2090.46	-0.28	100.0%	85.9%
43 of 370	5/3/2007	17	242-NLIQYCKHWLTEDHDFV-258	2161.43	-0.54	90.5%	82.6%
44 of 370	5/3/2007	17	248-KHWLTEDHDFVFKEVTG-264	2088.33	-0.77	88.6%	78.6%
45 of 370	5/3/2007	16	254-DHDFVFKEVTGNNVMN-269	1866.03	-0.57	100.0%	84.5%
46 of 370	5/3/2007	17	259-FKEVTGNNVMNSFENNE-275	1973.10	-1.05	96.9%	89.6%
47 of 370	5/3/2007	17	265-NNVMNSFENNESVYMSR-281	2035.19	-1.04	95.5%	89.9%
48 of 370	5/3/2007	17	271-FENNESVYMSRYRESRK-287	2195.42	-1.82	90.7%	79.4%
49 of 370	5/3/2007	17	277-VYMSRYRESRKPRNLL-293	2215.63	-1.07	90.8%	76.4%
50 of 370	5/3/2007	17	283-RESRKPRNLLIQGSIQ-299	2042.38	-0.92	99.4%	78.2%
51 of 370	5/3/2007	15	289-RNLLIQGSIQGPYL-303	1719.01	0.25	95.2%	88.3%
52 of 370	5/3/2007	15	293-LIQGSIQGPYLPSTI-307	1586.85	0.43	100.0%	87.4%
53 of 370	5/3/2007	17	297-SIQGPYLPSTISSDQCD-313	1810.96	-0.44	100.0%	88.8%
54 of 370	5/3/2007	17	303-LPSTISSDQCDTRIGCL-319	1809.05	0.05	96.3%	88.8%
55 of 370	5/3/2007	17	309-SDQCDTRIGCLEVLKVH-325	1916.20	-0.12	81.5%	80.8%
56 of 370	5/3/2007	17	315-RIGCLEVLKVHPETPVQ-331	1918.29	0.05	87.0%	80.8%
57 of 370	5/3/2007	17	321-VLKVHPETPVQAIIVDM-337	1847.23	0.54	100.0%	84.4%
58 of 370	5/3/2007	17	326-PETPVQAIIVDMAYKYM-342	1927.32	0.07	100.0%	89.4%
59 of 370	5/3/2007	17	332-AIIVDMAYKYMELNRDE-348	2032.37	-0.40	98.0%	85.6%
60 of 370	5/3/2007	17	338-AYKYMELNRDEIINYN-354	2212.49	-1.06	92.5%	86.6%
61 of 370	5/3/2007	17	344-LNRDEIINYNPRVHFQ-360	2191.43	-1.04	97.0%	82.8%
62 of 370	5/3/2007	17	350-INYYNPRVHFQATQSVK-366	2065.33	-0.81	98.7%	81.9%
63 of 370	5/3/2007	17	356-RVHFQATQSVKEPGTFK-372	1960.25	-0.85	100.0%	77.5%
64 of 370	5/3/2007	17	362-TQSVKEPGTFKLGSQL-378	1833.13	-0.31	100.0%	84.3%
65 of 370	5/3/2007	16	368-PGTFKLGSQLNPMSK-383	1718.06	-0.31	100.0%	83.4%
66 of 370	5/3/2007	17	373-LGSQLNPMSKSILDQV-389	1843.17	0.21	92.6%	89.0%
67 of 370	5/3/2007	17	379-NPMSKSILDQVGKHKSE-395	1898.18	-1.11	99.5%	76.9%
68 of 370	5/3/2007	17	385-ILDQVGKHKSEKGLFGE-401	1885.16	-0.69	93.2%	76.8%
69 of 370	5/3/2007	17	391-KHKSEKGLFGEPLSIN-407	1913.18	-1.06	97.9%	77.0%
70 of 370	5/3/2007	17	397-GLFGEPLSINISSQIQ-413	1832.04	0.09	92.8%	88.9%
71 of 370	5/3/2007	17	403-LESINISSQIQNECSR-419	1949.12	-0.73	90.4%	89.5%
72 of 370	5/3/2007	17	409-SSQIQNECSRIIESIL-425	1948.18	-0.26	86.4%	89.5%
73 of 370	5/3/2007	17	415-NECSRIIESILSNLEIN-431	1947.19	0.01	88.2%	89.5%
74 of 370	5/3/2007	17	421-IESILSNLEINVGEVTM-437	1861.14	0.66	81.3%	89.1%
75 of 370	5/3/2007	17	427-NLEINVGEVTMSLANPR-443	1857.12	-0.08	90.2%	89.1%
76 of 370	5/3/2007	17	433-GEVTMSLANPRKTTGVD-449	1776.02	-0.49	97.4%	83.9%
77 of 370	5/3/2007	17	439-LANPRKTTGVDELLGKF-455	1859.18	-0.38	95.5%	80.3%
78 of 370	5/3/2007	16	445-TTGVDLLGKIFYENEL-460	1828.02	-0.41	88.5%	88.9%
79 of 370	5/3/2007	17	449-DELLGKIFYENELSKYLI-465	2074.38	-0.39	93.8%	85.8%

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Peptide	Date of Mfg.	Length	Sequence	Molecular Weight (amu)	Hydrophilicity	Purity by HPLC ^a	Peptide Content ^b
80 of 370	5/3/2007	17	455-FYENELSKYLISILRKT-471	2117.50	-0.26	95.4%	82.3%
81 of 370	5/3/2007	17	461-SKYLISILRKTAAWHIG-477	1957.39	0.25	81.0%	77.4%
82 of 370	5/3/2007	17	467-ILRKTAAWHIGHLIRDI-483	2013.45	0.26	91.0%	74.6%
83 of 370	5/3/2007	17	473-AWHIGHLIRDITESLIA-489	1945.28	0.50	96.7%	81.0%
84 of 370	5/3/2007	17	479-LIRDITESLIAHAGLKR-495	1906.29	0.21	95.6%	77.0%
85 of 370	5/3/2007	16	484-TESLIAHAGLKRISKYW-499	1860.19	-0.51	84.9%	76.5%
86 of 370	5/3/2007	17	489-AHAGLKRISKYWSIHAYD-505	2003.30	-0.82	89.2%	74.5%
87 of 370	5/3/2007	17	495-RSKYWSIHAYDHGGVIL-511	2002.28	-0.32	87.7%	77.8%
88 of 370	5/3/2007	17	501-IHAYDHGGVILFILPSK-517	1880.23	0.68	93.1%	80.5%
89 of 370	5/3/2007	17	507-GGVILFILPSKSLEVVG-523	1728.10	1.41	93.8%	88.3%
90 of 370	5/3/2007	17	513-ILPSKSLEVVGSYIRYF-529	1971.34	0.52	97.3%	85.2%
91 of 370	5/3/2007	17	519-LEVVGSIYRYFTVFKDG-535	1993.30	0.36	83.8%	85.4%
92 of 370	5/3/2007	17	525-YIRYFTVFKDGI GLIDE-541	2049.37	0.24	93.1%	85.7%
93 of 370	5/3/2007	17	531-VFKDGI GLIDEENLDSK-547	1892.10	-0.40	92.7%	84.7%
94 of 370	5/3/2007	17	537-GLIDEENLDSKVDIDGV-553	1830.96	-0.29	90.9%	88.9%
95 of 370	5/3/2007	17	543-NLDSKVDIDGVQWCF SK-559	1954.19	-0.36	84.1%	85.1%
96 of 370	5/3/2007	17	549-DIDGVQWCF SKVMSIDL-565	1956.27	0.45	82.0%	89.6%
97 of 370	5/3/2007	17	555-WCF SKVMSIDLNRLLAL-571	2009.48	0.88	90.5%	85.5%
98 of 370	5/3/2007	17	561-MSIDLNRLLALNIAFEK-577	1961.38	0.55	88.9%	85.2%
99 of 370	5/3/2007	17	567-RLALNIAFEKALLATA-583	1828.29	1.13	87.5%	84.2%
100 of 370	5/3/2007	17	573-IAFEKALLATATWFQYY-589	2036.43	0.54	85.7%	89.9%
101 of 370	5/3/2007	17	579-LLATATWFQYYTEDQGH-595	2044.25	-0.54	83.9%	90.0%
102 of 370	5/3/2007	17	585-WFQYYTEDQGHFPLQHA-601	2167.35	-1.11	84.9%	86.4%
103 of 370	5/3/2007	17	590-TEDQGHFPLQHALRSVF-606	1982.20	-0.54	95.5%	81.3%
104 of 370	5/3/2007	17	596-FPLQHALRSVFSFHLL-612	2059.46	0.87	88.8%	81.9%
105 of 370	5/3/2007	17	602-LRSVFSFHLLCVSQKM-618	2042.50	0.89	83.3%	81.7%
106 of 370	5/3/2007	17	608-FHLLCVSQKMKICAIF-624	2028.59	1.33	85.5%	81.6%
107 of 370	5/3/2007	17	614-VSQKMKICAIFDNLRYL-630	2042.51	0.29	89.6%	81.7%
108 of 370	5/3/2007	16	620-ICAIFDNLRYLIPAVT-635	1822.22	1.19	94.5%	88.9%
109 of 370	5/3/2007	17	625-DNLRYLIPAVTSLYSGY-641	1945.22	0.13	90.8%	89.5%
110 of 370	5/3/2007	17	631-IPAVTSLYSGYELLIEK-647	1896.24	0.51	93.2%	89.3%
111 of 370	5/3/2007	17	637-LYSGYELLIEKFFERPF-653	2151.52	0.00	88.8%	86.3%
112 of 370	5/3/2007	17	643-LLIEKFFERPFKSALEV-659	2066.51	0.30	92.6%	81.9%
113 of 370	5/3/2007	17	649-FERPFKSALEVLYLNII-665	2102.49	0.25	87.9%	86.0%
114 of 370	5/3/2007	16	655-SALEVYLYNIIKALLI-670	1836.27	1.39	94.0%	89.0%
115 of 370	5/3/2007	17	660-YLYNIIKALLISLAQNN-676	1964.35	0.65	96.7%	89.6%
116 of 370	5/3/2007	16	666-KALLISLAQNNKVRFY-681	1878.27	0.10	94.5%	80.5%
117 of 370	5/3/2007	17	671-SLAQNNKVRFYSKVRLL-687	2036.42	-0.34	86.6%	78.1%
118 of 370	5/3/2007	17	677-KVRFYSKVRLLGLTVDH-693	2031.44	0.01	90.2%	74.8%
119 of 370	5/3/2007	16	683-KVRLGLTVDHSTVGA-698	1665.96	0.48	88.9%	78.5%
120 of 370	5/3/2007	15	688-GLTVDHSTV GASGVY-702	1462.58	0.40	94.5%	86.5%
121 of 370	5/3/2007	17	692-DHSTV GASGVYPSLMSR-708	1763.96	-0.17	85.0%	83.8%
122 of 370	5/3/2007	17	698-ASGVYPSLMSRVVYKHY-714	1957.30	0.01	90.5%	81.1%
123 of 370	5/3/2007	17	704-SLMSRVVYKHYRSLISE-720	2068.44	-0.18	94.2%	78.4%
124 of 370	5/3/2007	17	710-VYKHYRSLISEATTCFF-726	2065.41	0.10	96.3%	81.9%
125 of 370	5/3/2007	17	716-SLISEATTCFFLFEKGL-732	1906.26	0.84	88.9%	89.3%
126 of 370	5/3/2007	17	722-TTCFFLFEKGLHGNLNE-738	1970.24	-0.06	91.8%	85.2%
127 of 370	5/3/2007	17	728-FEKGLHGNLNEEAKIHL-744	1949.21	-0.71	93.7%	77.4%
128 of 370	5/3/2007	17	734-GNLNEEAKIHLETVEWA-750	1953.17	-0.60	83.6%	85.1%
129 of 370	5/3/2007	17	740-AKIHLETVEWARKFEAK-756	2056.46	-0.64	92.4%	75.0%
130 of 370	5/3/2007	17	746-TVEWARKFEAKERKYGD-762	2113.42	-1.61	89.3%	75.5%

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Peptide	Date of Mfg.	Length	Sequence	Molecular Weight (amu)	Hydrophilicity	Purity by HPLC ^a	Peptide Content ^b
131 of 370	5/3/2007	17	752-KFEAKERKYGDILMREG-768	2070.44	-1.29	91.7%	75.2%
132 of 370	5/3/2007	17	758-RKYGDILMREGYTIDAI-774	2014.36	-0.38	86.8%	81.5%
133 of 370	5/3/2007	17	764-LMREGYTIDAIRVGDVQ-780	1936.23	-0.05	92.5%	85.0%
134 of 370	5/3/2007	17	770-TIDAIRVGDVQVEQQLF-786	1931.18	0.20	94.4%	89.4%
135 of 370	5/3/2007	17	776-VGDVQVEQQLFCQEVVE-792	1949.15	0.10	88.1%	89.5%
136 of 370	5/3/2007	17	781-VEQQLFCQEVVELSAEE-797	1980.19	-0.09	93.1%	89.7%
137 of 370	5/3/2007	17	787-CQEVVELSAEELNKYLQ-803	1995.25	-0.38	92.4%	89.7%
138 of 370	5/3/2007	17	793-LSAEELNKYLQAKSQVL-809	1934.25	-0.31	95.3%	85.0%
139 of 370	5/3/2007	17	799-NKYLQAKSQVLSSNIMN-815	1938.24	-0.53	91.1%	85.0%
140 of 370	5/3/2007	16	805-KSQVLSNIMNKHWDK-820	1915.21	-1.11	88.2%	77.1%
141 of 370	5/3/2007	17	810-SSNIMNKHWDKPYFSQT-826	2083.33	-1.34	82.2%	82.0%
142 of 370	5/3/2007	17	816-KHWDPYFSQTRNISK-832	2148.48	-1.46	92.6%	75.9%
143 of 370	5/3/2007	17	822-YFSQTRNISKMSGAL-838	1873.18	-0.12	89.8%	84.6%
144 of 370	5/3/2007	17	828-NISKMSGALQEDGHL-844	1770.00	-0.25	90.4%	83.8%
145 of 370	5/3/2007	17	834-MSGALQEDGHLAASVTL-850	1699.93	0.36	85.7%	88.2%
146 of 370	5/3/2007	17	838-LQEDGHLAASVTLIEAI-854	1780.04	0.64	89.9%	88.6%
147 of 370	5/3/2007	16	844-LAASVTLIEAIRFLNR-859	1787.17	0.96	88.1%	83.9%
148 of 370	5/3/2007	17	849-TLIEAIRFLNRSQTNPN-865	1987.26	-0.54	90.7%	85.3%
149 of 370	5/3/2007	17	855-RFLNRSQTNPNVIDMYE-871	2097.34	-1.01	90.0%	86.0%
150 of 370	5/3/2007	17	860-SQTNPNVIDMYEQTKQH-876	2033.21	-1.54	87.8%	85.6%
151 of 370	5/3/2007	17	866-VIDMYEQTKQHKQARI-882	2059.41	-0.96	87.1%	78.3%
152 of 370	5/3/2007	17	870-YEQTKQHKQARVRYK-886	2147.51	-1.70	89.2%	72.9%
153 of 370	5/3/2007	17	876-HKAQARIVRKYQRTEAD-892	2070.39	-1.55	83.8%	72.2%
154 of 370	5/3/2007	17	882-IVRKYQRTEADRGFFIT-898	2100.44	-0.61	80.4%	78.7%
155 of 370	5/3/2007	17	888-RTEADRGFFITLPTRV-904	1980.29	-0.32	83.2%	81.3%
156 of 370	5/3/2007	17	894-GFFITLPTRVRLIEI-910	2005.41	0.64	89.8%	85.4%
157 of 370	5/3/2007	17	900-LPTRVRLIEIIDYDAI-916	2079.41	-0.05	81.6%	85.9%
158 of 370	5/3/2007	17	906-LEIIDYDAIARVVPE-922	2008.29	0.18	94.3%	89.8%
159 of 370	5/3/2007	17	912-YYDAIARVVPEEYISYG-928	2008.25	-0.12	96.4%	89.8%
160 of 370	5/3/2007	17	918-RVVPEEYISYGGDKIL-934	1966.28	-0.44	84.5%	81.2%
161 of 370	5/3/2007	17	924-YISYGGDKILNIQTAL-940	1897.22	-0.02	95.0%	84.7%
162 of 370	5/3/2007	17	930-DKKILNIQTALEKALRW-946	2040.48	-0.46	90.9%	78.2%
163 of 370	5/3/2007	17	936-IQTALEKALRWASGSSE-952	1847.11	-0.34	89.8%	84.4%
164 of 370	5/3/2007	17	942-KALRWASGSSEVITSTG-958	1749.98	-0.12	89.8%	83.7%
165 of 370	5/3/2007	17	948-SGSSEVITSTGNVIKFK-964	1753.98	0.00	88.3%	83.7%
166 of 370	5/3/2007	17	954-ITSTGNVIKFKRRLMYV-970	2026.49	0.10	91.5%	78.0%
167 of 370	5/3/2007	17	960-VIKFKRRLMYVSADATK-976	2026.52	-0.12	83.7%	74.8%
168 of 370	5/3/2007	17	966-RLMYVSADATKWSPGDN-982	1911.16	-0.70	81.9%	84.8%
169 of 370	5/3/2007	17	972-ADATKWSPGDNSAKFKR-988	1879.12	-1.39	95.2%	76.7%
170 of 370	5/3/2007	17	978-SPGDNSAKFKRFTQALY-994	1930.19	-0.91	90.5%	80.9%
171 of 370	5/3/2007	17	984-AKFKRFTQALYDGLSDE-1000	1989.26	-0.75	80.8%	81.4%
172 of 370	5/3/2007	17	990-TQALYDGLSDEKLKCCV-1006	1886.19	-0.15	94.3%	84.7%
173 of 370	5/3/2007	17	996-GLSDEKLKCCVVDALRH-1012	1886.23	-0.04	92.1%	76.8%
174 of 370	5/3/2007	17	1002-LKCCVVDALRHVYETEF-1018	2025.39	0.34	99.6%	81.6%
175 of 370	5/3/2007	17	1008-DALRHVYETEFFMSRKL-1024	2142.50	-0.49	82.6%	79.0%
176 of 370	5/3/2007	16	1014-YETEFFMSRKLHRYID-1029	2135.46	-0.93	94.2%	78.9%
177 of 370	5/3/2007	16	1019-FMSRKLHRYIDSMDEH-1034	2065.38	-1.11	86.8%	75.1%
178 of 370	5/3/2007	17	1024-LHRYIDSMDEHSEAVQD-1040	2045.19	-1.09	81.2%	81.8%
179 of 370	5/3/2007	17	1030-SMDEHSEAVQDFLDFFK-1046	2045.24	-0.56	88.8%	85.7%
180 of 370	5/3/2007	17	1035-SEAVQDFLDFFKGGVSA-1051	1817.01	0.23	95.2%	88.9%
181 of 370	5/3/2007	17	1041-FLDFFKGGVSATVKGW-1057	1873.16	0.24	85.1%	84.6%

Table 1							
Peptide	Date of Mfg.	Length	Sequence	Molecular Weight (amu)	Hydrophilicity	Purity by HPLC ^a	Peptide Content ^b
182 of 370	5/3/2007	17	1047-GGVSATVKGNWLQGNLN-1063	1714.89	-0.24	96.0%	88.3%
183 of 370	5/3/2007	17	1053-VKGNWLQGNLNKCSSLF-1069	1908.20	-0.25	95.6%	84.8%
184 of 370	5/3/2007	16	1058-LQGNLNKCSSLFGAAV-1073	1621.88	0.48	95.2%	87.7%
185 of 370	5/3/2007	17	1063-NKCSSLFGAAVSLLFRR-1079	1869.24	0.48	87.3%	80.4%
186 of 370	5/3/2007	17	1069-FGAAVSLLFRRWAELEF-1085	1996.43	1.14	95.1%	85.4%
187 of 370	5/3/2007	17	1075-LLFRRIWAELEFPELECF-1091	2182.65	0.61	97.5%	86.5%
188 of 370	5/3/2007	17	1081-WAELEFPELECFEFAHH-1097	2152.46	0.12	90.5%	86.3%
189 of 370	5/3/2007	17	1086-PELECFEFAHHSDDAL-1102	2007.20	-0.25	92.4%	85.4%
190 of 370	5/3/2007	17	1092-FEFAHHSDDALFIYGYL-1108	2045.27	0.20	81.4%	85.7%
191 of 370	5/3/2007	17	1098-SDDALFIYGYLEPEDDG-1114	1919.01	-0.59	94.2%	89.4%
192 of 370	5/3/2007	17	1104-IYGYLEPEDDGTDFWFLY-1120	2096.26	-0.62	80.0%	90.2%
193 of 370	5/3/2007	17	1110-PEDDGTDFWFLYVSSQIQ-1126	2041.17	-0.88	98.7%	90.0%
194 of 370	5/3/2007	17	1116-DWFLYVSSQIQAGNYHW-1132	2155.37	-0.54	81.3%	90.4%
195 of 370	5/3/2007	17	1122-SQIQAGNYHWHAVNQE-1138	2010.12	-1.29	96.3%	85.5%
196 of 370	5/3/2007	17	1128-GNYHWHAVNQEMWKSMSF-1144	2165.46	-0.94	83.0%	82.6%
197 of 370	5/3/2007	17	1134-AVNQEMWKSMSFNLEHL-1150	2114.45	-0.55	89.7%	82.3%
198 of 370	5/3/2007	17	1140-WKSMSFNLEHLLMGS-1156	2056.49	0.36	82.8%	81.9%
199 of 370	5/3/2007	17	1146-LHEHLLMGSIKVSPKK-1162	1930.40	0.04	87.1%	73.8%
200 of 370	5/3/2007	17	1152-LMGSIKVSPKKTTSPT-1168	1774.18	-0.07	89.7%	79.6%
201 of 370	5/3/2007	16	1158-VSPKKTTSPTNAEFL-1173	1719.00	-0.31	96.8%	83.4%
202 of 370	5/3/2007	17	1163-TTTSPTNAEFLSTFFEG-1179	1848.03	0.08	85.9%	89.0%
203 of 370	5/3/2007	16	1169-NAEFLSTFFEGCAVSI-1184	1734.97	0.86	86.1%	88.4%
204 of 370	5/3/2007	17	1174-STFFEGCAVSIPIKIL-1190	1872.28	1.32	86.0%	89.1%
205 of 370	5/3/2007	17	1180-CAVSIPIKILGSLSD-1196	1776.18	1.44	98.4%	88.6%
206 of 370	5/3/2007	17	1186-FIKILGSLSDLPLGLF-1202	1790.18	1.28	94.5%	88.7%
207 of 370	5/3/2007	17	1192-GSLSDLPLGLGFDDLA-1208	1694.88	0.56	98.0%	88.1%
208 of 370	5/3/2007	17	1198-PGLGFDDLAAQSRCV-1214	1767.02	0.42	90.2%	88.6%
209 of 370	5/3/2007	17	1204-DDLAAQSRCVKAMD-1220	1764.05	-0.01	94.0%	83.8%
210 of 370	5/3/2007	17	1209-AQSRCVKAMD LGASPQL-1225	1775.11	-0.05	83.1%	83.8%
211 of 370	5/3/2007	17	1215-KAMD LGASPQLAQLAVV-1231	1712.08	0.69	99.3%	88.2%
212 of 370	5/3/2007	17	1221-ASPQLAQLAVVICTSKV-1237	1728.11	1.05	97.0%	88.3%
213 of 370	5/3/2007	17	1226-AQLAVVICTSKVERLYG-1242	1850.23	0.72	98.4%	84.4%
214 of 370	5/3/2007	17	1232-ICTSKVERLYGTADGMV-1248	1843.17	0.19	98.9%	84.3%
215 of 370	5/3/2007	17	1237-VERLYGTADGMVNSPVA-1253	1779.02	0.10	86.8%	88.6%
216 of 370	5/3/2007	17	1243-TADGMVNSPVAFLKVTK-1259	1778.13	0.34	81.3%	83.9%
217 of 370	5/3/2007	16	1249-NSPVAFLKVTKAHVPI-1264	1721.10	0.51	90.8%	79.1%
218 of 370	5/3/2007	17	1254-FLKVTKAHVPIPLGGDG-1270	1749.10	0.32	95.8%	79.3%
219 of 370	5/3/2007	17	1260-AHVPIPLGGDGMSIME-1276	1711.00	0.38	97.5%	88.2%
220 of 370	5/3/2007	17	1266-LGGDGMSIMELATAGI-1282	1622.90	0.77	92.6%	87.7%
221 of 370	5/3/2007	17	1272-MSIMELATAGIGMADKN-1288	1753.13	0.42	97.9%	88.5%
222 of 370	5/3/2007	17	1278-ATAGIGMADKNILKQAF-1294	1749.11	0.29	89.8%	83.6%
223 of 370	5/3/2007	17	1284-MADKNILKQAFYSYKHT-1300	2058.43	-0.76	86.2%	78.3%
224 of 370	5/3/2007	17	1290-LKQAFYSYKHTRRDGDR-1306	2141.41	-1.83	84.8%	72.9%
225 of 370	5/3/2007	17	1296-SYKHTRRDGDYVVLGLF-1312	2083.35	-1.05	98.4%	75.3%
226 of 370	5/3/2007	17	1302-RDGDYVVLGLFSLKFLMSL-1318	2030.43	0.24	84.3%	81.7%
227 of 370	5/3/2007	17	1308-VLGLFSLKFLMSLSEDFV-1324	1973.37	1.03	89.7%	89.6%
228 of 370	5/3/2007	17	1314-FLMSLSEDFVQHDLRGE-1330	2023.26	-0.24	91.0%	85.5%
229 of 370	5/3/2007	17	1319-SEDFVQHDLRGEFSFVG-1335	1969.10	-0.41	97.6%	85.2%
230 of 370	5/3/2007	17	1325-HDLRGEFSFVGKQVQWKV-1341	2032.34	-0.38	84.9%	78.1%
231 of 370	5/3/2007	17	1331-FSFVGKQVQWKVFTPKNE-1347	2041.40	-0.33	89.8%	81.7%
232 of 370	5/3/2007	17	1337-VQWKVFTPKNEFEFFDQ-1353	2189.48	-0.73	96.1%	86.5%

Table 1

Peptide	Date of Mfg.	Length	Sequence	Molecular Weight (amu)	Hydrophilicity	Purity by HPLC ^a	Peptide Content ^b
233 of 370	5/3/2007	17	1343-TPKNEFEFFDQFSQSYL-1359	2127.32	-0.89	98.5%	90.3%
234 of 370	5/3/2007	17	1348-FEFFDQFSQSYLKSWTN-1364	2174.38	-0.69	83.5%	90.5%
235 of 370	5/3/2007	17	1354-FSQSYLKSWTNQHPVYD-1370	2100.29	-1.09	81.2%	86.0%
236 of 370	5/3/2007	17	1360-KSWTNQHPVYDYIIPRG-1376	2074.34	-1.03	97.5%	82.0%
237 of 370	5/3/2007	17	1366-HPVYDYIIPRGRDNLV-1382	2040.35	-0.23	99.9%	81.7%
238 of 370	5/3/2007	17	1372-IIPRGRDNLVYLVRKL-1388	2038.51	0.29	91.9%	78.1%
239 of 370	5/3/2007	17	1378-DNLLVYLVRKLNDSIV-1394	1971.32	0.36	95.0%	85.2%
240 of 370	5/3/2007	17	1384-LVRKLNDSIVTAMTMQ-1400	1917.34	0.20	90.9%	84.9%
241 of 370	5/3/2007	17	1390-DPSIVTAMTMQSPLQLR-1406	1888.26	0.04	99.0%	89.2%
242 of 370	5/3/2007	17	1396-AMTMQSPLQLRFRMQAK-1412	2037.54	-0.40	98.0%	81.7%
243 of 370	5/3/2007	16	1402-PLQLRFRMQAKQHMKV-1417	2011.51	-0.74	98.4%	74.6%
244 of 370	5/3/2007	17	1407-FRMQAKQHMKVCKLEGE-1423	2063.52	-0.88	98.7%	75.1%
245 of 370	5/3/2007	17	1412-QHMKVCKLEGEWVTFR-1428	2119.56	-0.74	99.1%	75.6%
246 of 370	5/3/2007	17	1418-CKLEGEWVTFREVLAAA-1434	1922.28	0.34	90.6%	84.9%
247 of 370	5/3/2007	17	1424-WVTFREVLAAADSFATK-1440	1912.24	0.38	88.6%	84.8%
248 of 370	5/3/2007	17	1430-VLAAADSFATKYNPTEK-1446	1826.10	-0.32	95.8%	84.2%
249 of 370	5/3/2007	17	1436-SFATKYNPTEKDLDFN-1452	2003.23	-0.91	98.3%	85.4%
250 of 370	5/3/2007	17	1442-NPTEKDLDFNTLVSCT-1458	1910.14	-0.29	99.1%	89.3%
251 of 370	5/3/2007	17	1448-LDLFNTLVSCTFSKEYA-1464	1951.25	0.40	93.3%	89.5%
252 of 370	5/3/2007	17	1454-LVSCTFSKEYAWKDFLN-1470	2051.38	-0.06	85.1%	85.7%
253 of 370	5/3/2007	17	1460-SKEYAWKDFLNEVRCEV-1476	2116.41	-0.79	99.4%	82.3%
254 of 370	5/3/2007	17	1466-KDFLNEVRCEVPTKHV-1482	2013.35	-0.35	94.1%	77.9%
255 of 370	5/3/2007	17	1472-VRCEVPTKHVRSKIA-1488	1959.36	-0.25	97.3%	71.1%
256 of 370	5/3/2007	17	1478-PTKHVRSKIARTFTVR-1494	2034.43	-0.86	97.8%	69.0%
257 of 370	5/3/2007	17	1484-RSKIARTFTVREKDQAI-1500	2019.38	-0.85	92.2%	74.7%
258 of 370	5/3/2007	17	1490-TFTVREKDQAIQNPIA-1506	1932.20	-0.59	98.1%	85.0%
259 of 370	5/3/2007	17	1496-KDQAIQNPIAVIGYKY-1512	1922.24	-0.34	90.1%	84.9%
260 of 370	5/3/2007	17	1502-NPITAVIGYKYASTVDE-1518	1841.08	-0.01	96.1%	89.0%
261 of 370	5/3/2007	17	1508-IGYKYASTVDEISDVL-1524	1888.08	-0.01	97.5%	89.2%
262 of 370	5/3/2007	17	1514-STVDEISDVLDSFFPD-1530	1872.97	-0.04	93.5%	89.1%
263 of 370	5/3/2007	17	1520-SDVLDSSFFPDSLADL-1536	1814.94	0.20	84.8%	88.8%
264 of 370	5/3/2007	17	1526-SFFPDSLADLQVMKEG-1542	1871.12	-0.07	93.4%	89.1%
265 of 370	5/3/2007	17	1532-LSADLQVMKEGVYREL-1548	1908.22	-0.11	91.3%	84.8%
266 of 370	5/3/2007	16	1538-VMKEGVYRELGLDIGL-1553	1792.13	0.30	91.5%	84.0%
267 of 370	5/3/2007	17	1543-VYRELGLDIGLPEVLKR-1559	1970.35	0.06	97.6%	81.2%
268 of 370	5/3/2007	17	1549-LDIGLPEVLKRIAPLLY-1565	1923.39	0.81	97.1%	84.9%
269 of 370	5/3/2007	16	1554-PEVLKRIAPLLYKAGR-1569	1824.28	-0.09	98.1%	76.2%
270 of 370	5/3/2007	17	1559-RIAPLLYKAGRSRVVIV-1575	1911.39	0.66	99.7%	77.0%
271 of 370	5/3/2007	17	1565-YKAGRSRVVIVEGNVEG-1581	1833.08	-0.21	88.8%	80.1%
272 of 370	5/3/2007	16	1571-RVVIVEGNVEGTAESI-1586	1671.87	0.43	92.2%	88.0%
273 of 370	5/3/2007	17	1575-VEGNVEGTAESICSYWL-1591	1857.04	0.10	86.4%	89.1%
274 of 370	5/3/2007	17	1581-GTAESICSYWLRSMSLV-1597	1903.23	0.47	94.1%	89.3%
275 of 370	5/3/2007	17	1587-CSYWLRSMSLVKTIKVR-1603	2070.57	0.16	97.4%	78.4%
276 of 370	5/3/2007	17	1593-SMSLVKTIKVRPKKEVL-1609	1956.49	-0.05	97.0%	74.1%
277 of 370	5/3/2007	17	1599-TIKVRPKKEVLRAVSLY-1615	2000.49	-0.12	97.3%	74.5%
278 of 370	5/3/2007	17	1605-KKEVLRAVSLYKTIK-1621	1978.35	-0.47	90.2%	77.6%
279 of 370	5/3/2007	17	1611-AVSLYKTIKNIQLQDDV-1627	1852.04	-0.18	99.1%	89.0%
280 of 370	5/3/2007	16	1617-TKNIQLQDDVAATRL-1632	1743.96	-0.49	99.8%	83.6%
281 of 370	5/3/2007	17	1622-GLQDDVAATRLCIEVWR-1638	1945.25	0.09	81.7%	85.0%
282 of 370	5/3/2007	17	1628-AATRLCIEVWRWCKAND-1644	2035.42	-0.18	91.8%	81.7%
283 of 370	5/3/2007	17	1634-IEVWRWCKANDQNVNDW-1650	2176.41	-1.08	89.2%	86.4%

Table 1

Peptide	Date of Mfg.	Length	Sequence	Molecular Weight (amu)	Hydrophilicity	Purity by HPLC ^a	Peptide Content ^b
284 of 370	5/3/2007	17	1640-CKANDQNVNDWLNALYF-1656	2028.24	-0.58	93.9%	89.9%
285 of 370	5/3/2007	17	1646-NVNDWLNALYFEKQTLM-1662	2099.41	-0.34	88.6%	90.2%
286 of 370	5/3/2007	17	1652-NALYFEKQTLMDWVERF-1668	2190.54	-0.45	89.0%	86.5%
287 of 370	5/3/2007	17	1658-KQTLMDWVERFRRKGVV-1674	2148.58	-0.75	93.0%	75.9%
288 of 370	5/3/2007	17	1664-WVERFRRKGVVPIDPEI-1680	2096.48	-0.47	99.4%	78.6%
289 of 370	5/3/2007	17	1670-RKGVVPIDPEIQCIALL-1686	1864.29	0.66	84.8%	84.5%
290 of 370	5/3/2007	17	1676-IDPEIQCIALLYDVLG-1692	1888.26	1.17	84.0%	89.2%
291 of 370	5/3/2007	17	1682-CIALLYDVLGYKSVLQ-1698	1911.34	1.26	83.2%	89.3%
292 of 370	5/3/2007	17	1688-YDVLGYKSVLQMQANRR-1704	2041.37	-0.65	98.0%	81.7%
293 of 370	5/3/2007	17	1694-KSVLQMQANRRAYSQKQ-1710	1965.29	-1.21	95.9%	77.5%
294 of 370	5/3/2007	16	1699-MQANRRAYSQKQYDAY-1714	1922.15	-1.54	94.2%	80.8%
295 of 370	5/3/2007	17	1704-RAYSGKQYDAYCVQTYN-1720	2030.23	-1.13	83.8%	85.6%
296 of 370	5/3/2007	17	1709-KQYDAYCVQTYNEETRL-1725	2124.34	-1.32	84.8%	86.1%
297 of 370	5/3/2007	17	1715-CVQTYNEETRLYEGDLR-1731	2089.28	-1.18	82.6%	85.9%
298 of 370	5/3/2007	17	1720-NEETRLYEGDLRVTFNF-1736	2103.29	-0.92	84.6%	86.0%
299 of 370	5/3/2007	17	1726-YEGDLRVTFNFGLD CAR-1742	1976.21	-0.24	95.0%	85.2%
300 of 370	5/3/2007	17	1732-VTFNFGLD CARLEIFWD-1748	2046.35	0.50	89.3%	90.0%
301 of 370	5/3/2007	17	1738-LD CARLEIFWDKKEYIL-1754	2155.58	-0.06	87.8%	82.5%
302 of 370	5/3/2007	17	1743-LEIFWDKKEYILETSIT-1759	2128.49	-0.14	93.9%	86.2%
303 of 370	5/3/2007	17	1749-KKEYILETSITQRHV LK-1765	2086.49	-0.74	87.1%	75.3%
304 of 370	5/3/2007	17	1754-LETSITQRHV LKLMMEE-1770	2058.47	-0.23	98.5%	81.9%
305 of 370	5/3/2007	17	1759-TQRHV LKLMMEEVTQEL-1775	2085.49	-0.41	88.8%	82.1%
306 of 370	5/3/2007	17	1765-KLMMEEVTQELLRCGMR-1781	2067.56	-0.25	84.7%	81.9%
307 of 370	5/3/2007	17	1771-VTQELLRCGMRFKTEQV-1787	2038.43	-0.32	88.6%	81.7%
308 of 370	5/3/2007	17	1777-RCGMRFKTEQVSHTRSL-1793	2036.38	-0.93	98.3%	74.9%
309 of 370	5/3/2007	17	1783-KTEQVSHTRSLVLFKTE-1799	2003.31	-0.64	97.5%	77.8%
310 of 370	5/3/2007	17	1789-HTRSLVLFKTESGFEWG-1805	1994.26	-0.35	84.2%	81.4%
311 of 370	5/3/2007	15	1795-LFKTESGFEWGKPNV-1809	1738.98	-0.63	87.5%	83.6%
312 of 370	5/3/2007	17	1798-TESGFEWGKPNVPCIVF-1814	1910.19	0.01	94.1%	89.3%
313 of 370	5/3/2007	17	1804-WGKPNVPCIVFKH CALR-1820	1968.43	0.16	93.4%	77.5%
314 of 370	5/3/2007	17	1810-PCIVFKH CALRTGLR TK-1826	1943.43	0.15	88.4%	74.0%
315 of 370	5/3/2007	17	1816-H CALRTGLR TKQAINKE-1832	1939.30	-0.83	88.2%	73.9%
316 of 370	5/3/2007	17	1822-GLR TKQAINKEFMINVQ-1838	1990.37	-0.44	90.5%	81.4%
317 of 370	5/3/2007	17	1828-AINKEFMINVQADGFRA-1844	1924.24	-0.01	85.0%	84.9%
318 of 370	5/3/2007	17	1834-MINVQADGFRAIAQMDM-1850	1911.28	0.28	85.2%	89.3%
319 of 370	5/3/2007	17	1840-DGFRAIAQMDMESPRFL-1856	1984.32	-0.26	89.5%	85.3%
320 of 370	5/3/2007	17	1846-AQMDMESPRFLLAHAYH-1862	2017.36	-0.32	86.5%	81.6%
321 of 370	5/3/2007	17	1852-SPRFLLAHAYHTLRDVR-1868	2052.40	-0.34	96.9%	75.0%
322 of 370	5/3/2007	17	1858-AHAYHTLRDVR YQAVQA-1874	1999.26	-0.58	88.7%	77.8%
323 of 370	5/3/2007	17	1864-LRDVR YQAVQAVGNVWF-1880	2021.32	0.08	88.8%	85.5%
324 of 370	5/3/2007	17	1869-YQAVQAVGNVWFQTAQH-1885	1947.16	-0.19	90.2%	89.5%
325 of 370	5/3/2007	16	1875-VGNVWFQTAQHKLFIN-1890	1902.19	0.06	88.8%	84.8%
326 of 370	5/3/2007	17	1880-FQTAQHKLFINPIISSG-1896	1901.21	0.16	87.5%	84.8%
327 of 370	5/3/2007	17	1886-KLFINPIISSG LLENFM-1902	1936.35	0.85	91.1%	89.5%
328 of 370	5/3/2007	17	1892-IISSG LLENFMKGLPAA-1908	1761.14	0.81	91.5%	88.5%
329 of 370	5/3/2007	17	1898-LENFMKGLPAAIPPAAY-1914	1803.21	0.39	86.3%	88.8%
330 of 370	5/3/2007	17	1904-GLPAAIPPAAYSLIMNK-1920	1727.15	0.65	83.2%	88.3%
331 of 370	5/3/2007	17	1910-PPAAYSLIMNKAKISVD-1926	1818.21	0.20	93.0%	84.2%
332 of 370	5/3/2007	17	1916-LIMNKAKISVDL FMFNE-1932	2013.47	0.55	84.5%	85.5%
333 of 370	5/3/2007	17	1922-KISVDL FMFNELLALVN-1938	1966.38	1.10	81.8%	89.6%
334 of 370	5/3/2007	17	1928-FMFNELLALVNPRNV LN-1944	2004.38	0.55	87.9%	89.8%

Peptide	Date of Mfg.	Length	Sequence	Molecular Weight (amu)	Hydrophilicity	Purity by HPLC ^a	Peptide Content ^b
335 of 370	5/3/2007	17	1934-LALVNPRNVNLNDGIEE-1950	1879.14	0.14	92.1%	89.2%
336 of 370	5/3/2007	16	1940-RNVNLNDGIEETSEGY-1955	1808.92	-0.80	87.5%	88.8%
337 of 370	5/3/2007	17	1945-LDGIEETSEGYSTVTSI-1961	1800.91	-0.21	81.4%	88.8%
338 of 370	5/3/2007	16	1951-TSEGYSTVTSISSRQW-1966	1788.91	-0.72	92.9%	88.7%
339 of 370	5/3/2007	17	1956-STVTSISSRQWSEEVSL-1972	1896.06	-0.32	83.9%	89.3%
340 of 370	5/3/2007	17	1962-SSRQWSEEVSLMADDDI-1978	1968.11	-0.79	80.9%	89.6%
341 of 370	5/3/2007	17	1967-SEEVSLMADDDIDDEEE-1983	1940.95	-1.20	80.6%	89.5%
342 of 370	5/3/2007	17	1973-MADDDIDDEEEFTIALD-1989	1957.05	-0.65	85.6%	89.6%
343 of 370	5/3/2007	17	1979-DDEEEFTIALDDIDFEQ-1995	2044.10	-0.91	96.0%	90.0%
344 of 370	5/3/2007	17	1985-TIALDDIDFEQINLDED-2001	1979.10	-0.38	92.5%	89.7%
345 of 370	5/3/2007	17	1991-IDFEQINLDEDIQHFLQ-2007	2117.30	-0.47	81.0%	90.3%
346 of 370	5/3/2007	17	1997-NLDEDIQHFLQDESAYT-2013	2038.13	-1.02	91.8%	89.9%
347 of 370	5/3/2007	17	2002-IQHFLQDESAYTGDLTI-2018	1951.14	-0.20	83.7%	89.5%
348 of 370	5/3/2007	17	2008-DESAYTGDLTIQTEEVE-2024	1899.97	-0.87	81.2%	89.3%
349 of 370	5/3/2007	17	2014-GDLTIQTEEVEVKRIRG-2030	1943.20	-0.67	86.5%	81.0%
350 of 370	5/3/2007	17	2020-TEEVEVKRIRGVTRVLE-2036	2013.34	-0.48	85.7%	77.9%
351 of 370	5/3/2007	17	2026-KRIRGVTRVLEPVKLIK-2042	2005.54	-0.13	81.0%	71.5%
352 of 370	5/3/2007	17	2032-TRVLEPVKLIKSWVSKG-2048	1940.38	-0.01	94.3%	77.3%
353 of 370	5/3/2007	17	2038-VKLIKSWVSKGLAIDKV-2054	1884.36	0.53	85.4%	76.8%
354 of 370	5/3/2007	17	2044-WVSKGLAIDKVYNPIGI-2060	1873.24	0.43	82.4%	84.6%
355 of 370	5/3/2007	17	2050-AIDKVYNPIGIVLMARY-2066	1936.37	0.66	82.8%	85.0%
356 of 370	5/3/2007	17	2056-NPIGIVLMARYMSKNYD-2072	1985.37	-0.10	95.0%	85.3%
357 of 370	5/3/2007	17	2062-LMARYMSKNYDFSKIPL-2078	2077.53	-0.27	80.7%	82.0%
358 of 370	5/3/2007	17	2068-SKNYDFSKIPLALLNPY-2084	1983.32	-0.31	81.1%	85.3%
359 of 370	5/3/2007	17	2074-SKIPLALLNPYDLTEFE-2090	1963.29	0.02	92.2%	89.6%
360 of 370	5/3/2007	17	2080-LLNPYDLTEFESVVKGW-2096	2010.29	-0.06	80.6%	89.8%
361 of 370	5/3/2007	17	2086-LTEFESVVKGWGETVND-2102	1910.08	-0.36	87.9%	89.3%
362 of 370	5/3/2007	17	2092-VVKGWGETVNDRFLEVD-2108	1963.18	-0.29	81.1%	85.2%
363 of 370	5/3/2007	17	2097-GETVNDRFLEVDNDAQR-2113	1978.07	-1.25	93.7%	85.3%
364 of 370	5/3/2007	17	2103-RFLEVDNDAQRLVREKN-2119	2102.35	-1.25	80.3%	78.7%
365 of 370	5/3/2007	17	2109-NDAQRLVREKNILPEDI-2125	2023.29	-0.96	82.1%	81.6%
366 of 370	5/3/2007	17	2115-VREKNILPEDILPDSL-2131	1998.32	-0.15	87.4%	85.4%
367 of 370	5/3/2007	17	2121-LPEDILPDSLFSFRHVD-2137	2000.25	-0.05	80.5%	85.4%
368 of 370	5/3/2007	17	2127-PDSLFSFRHVDVLLKRL-2143	2042.42	0.17	80.7%	78.2%
369 of 370	5/3/2007	17	2133-FRHVDVLLKRLFPHPV-2149	2088.49	0.01	89.6%	75.3%
370 of 370	5/3/2007	15	2139-LLKRLFPHPVSSFY-2153	1819.15	0.00	85.2%	80.0%

^a% full-length
^bRemainder is salt and water

Note: Actual amino acid results which are not within 20% of expected results are highlighted in red.

Table 2 - Amino Acid Analysis

Peptide		Ala (A)	Arg (R)	Asx (N,D)	Cys (C)	Glx (Q,E)	Gly (G)	His (H)	Ile (I)	Leu (L)	Lys (K)	Met (M)	Phe (F)	Pro (P)	Ser (S)	Thr (T)	Trp (W)	Tyr (Y)	Val (V)
1 of 370	Expected		2.00			4.00	1.00	1.00	2.00		2.00	1.00		2.00				1.00	1.00
	Actual		2.00			3.66	1.18	0.84	1.60		1.95	0.98		2.12				0.99	0.91
2 of 370	Expected	2.00	1.00			3.00	2.00	1.00	2.00	1.00	1.00			2.00	1.00				1.00
	Actual	2.00	1.08			3.00	2.17	0.86	1.68	0.98	0.92			2.10	1.03				0.94
3 of 370	Expected	2.00		1.00	1.00	2.00	2.00		1.00	4.00	1.00			2.00	1.00				
	Actual	2.00		1.00	0.54 ^a	1.87	2.21		0.97	3.84	0.92			2.00	1.00				
4 of 370	Expected	3.00	1.00	2.00	1.00	1.00	1.00			5.00					1.00			1.00	1.00
	Actual	2.86	1.00	1.86	0.53 ^a	0.96	1.04			4.73					0.96			0.85	1.03
5 of 370	Expected	1.00	2.00	4.00	1.00			1.00		4.00								1.00	3.00
	Actual	1.18	2.00	3.77	0.50 ^a			1.20		3.84								1.10	2.13 ^b
6 of 370	Expected	1.00	2.00	3.00		1.00		2.00	1.00	1.00	1.00	1.00						1.00	3.00
	Actual	1.00	1.80	2.91		1.11		1.93	0.91	0.88	0.83	1.00						0.94	1.82 ^b
7 of 370	Expected			6.00		1.00		2.00	1.00		2.00	1.00			1.00		1.00		2.00
	Actual			5.69		1.00		2.02	0.92		1.94	1.10			1.06		0.00 ^c		0.73 ^b
8 of 370	Expected		1.00	4.00		1.00	1.00	1.00	2.00		2.00	2.00		1.00	1.00		1.00		
	Actual		1.21	3.74		0.98	1.00	1.05	1.80		1.83	1.81		1.09	1.01		0.00 ^c		
9 of 370	Expected	1.00	1.00	3.00		2.00	1.00		1.00	2.00	1.00	2.00		1.00	1.00				1.00
	Actual	1.00	1.12	2.82		2.00	1.14		1.02	2.05	0.97	1.70		1.12	1.07				0.80
10 of 370	Expected	1.00	1.00	2.00		2.00	2.00		1.00	2.00		2.00		2.00					2.00
	Actual	1.04	1.10	2.00		2.00	1.91		1.05	1.92		1.73		1.82					1.73
11 of 370	Expected	1.00		2.00		2.00	3.00		1.00	2.00		2.00		1.00					3.00
	Actual	1.03		2.00		1.80	3.11		0.58 ^b	1.94		1.93		0.82					1.83 ^b
12 of 370	Expected	1.00		2.00		2.00	2.00		2.00		2.00	1.00		1.00					3.00
	Actual	0.95		1.88		1.93	2.20		1.25 ^p		1.94	1.03		1.00					1.91 ^b
13 of 370	Expected			1.00		2.00	2.00		2.00		2.00	1.00		2.00	2.00	1.00			2.00
	Actual			1.00		1.78	2.20		0.94 ^b		1.94	1.07		1.95	1.78	1.10			0.96 ^b
14 of 370	Expected					2.00	1.00		2.00	1.00	3.00	1.00		2.00	2.00	1.00			1.00
	Actual					1.97	1.27		1.53 ^b	0.97	2.75	1.00		1.93	1.82	1.08			0.68 ^b
15 of 370	Expected		1.00			1.00	1.00		2.00	1.00	1.00	1.00	2.00	2.00	3.00	2.00			
	Actual		1.20			1.02	1.28		1.85	0.87	0.86	1.08	1.88	2.00	2.76	1.90			
16 of 370	Expected		1.00	2.00		1.00	1.00		2.00	1.00	2.00	1.00	2.00	1.00	1.00	1.00			1.00
	Actual		1.00	1.84		0.93	1.11		1.92	0.84	1.80	0.95	1.74	0.97	0.98	0.98			0.93
17 of 370	Expected	1.00	1.00	2.00		1.00	1.00		2.00	1.00	1.00	1.00	2.00	1.00		2.00		1.00	
	Actual	0.93	0.98	1.94		0.88	1.01		1.87	0.94	0.99	0.89	1.97	1.00		1.90		1.03	
18 of 370	Expected	1.00		2.00		2.00	1.00		3.00	1.00	1.00		1.00			2.00		1.00	2.00
	Actual	1.05		1.90		1.99	1.05		2.75	1.02	0.74		0.77			1.82		1.00	1.91
19 of 370	Expected	3.00		1.00		2.00	1.00		2.00	1.00	1.00		1.00			2.00			3.00
	Actual	2.80		1.15		2.08	1.22		1.84	1.00	0.95		0.89			1.83			2.91
20 of 370	Expected	2.00	1.00	1.00		2.00	1.00		2.00		3.00					2.00			3.00
	Actual	2.00	0.96	1.05		2.07	1.21		1.84		2.76					1.84			2.73
21 of 370	Expected	2.00	1.00	1.00		2.00	2.00		1.00	1.00	4.00				1.00			1.00	1.00
	Actual	1.84	0.94	0.94		1.88	2.25		0.85	1.07	3.88				0.95			1.00	1.02
22 of 370	Expected		1.00			4.00	1.00		1.00	2.00	3.00		1.00		1.00			1.00	1.00
	Actual		0.93			3.81	1.24		0.89	1.61	2.73		0.85		1.00			1.02	1.04
23 of 370	Expected					5.00	1.00			4.00	1.00		1.00		3.00			1.00	1.00
	Actual					4.76	1.23			3.90	1.01		0.96		2.72			1.05	1.00
24 of 370	Expected			1.00		4.00	1.00	1.00	1.00	3.00	2.00		1.00		2.00				1.00
	Actual			1.00		3.94	1.15	1.25	0.98	2.83	1.75		0.88		1.91				0.97
25 of 370	Expected	1.00		2.00		3.00	1.00	1.00	2.00	2.00	3.00				1.00			1.00	
	Actual	1.00		1.79		3.18	1.15	1.21	1.70	1.88	2.75				0.92			1.08	

Table 2 - Amino Acid Analysis

Peptide		Ala (A)	Arg (R)	Asx (N,D)	Cys (C)	Glx (Q,E)	Gly (G)	His (H)	Ile (I)	Leu (L)	Lys (K)	Met (M)	Phe (F)	Pro (P)	Ser (S)	Thr (T)	Trp (W)	Tyr (Y)	Val (V)
26 of 370	Expected	2.00		3.00		1.00	1.00		2.00		3.00		1.00			1.00		1.00	2.00
	Actual	2.00		2.77		1.07	1.25		2.03		2.73		0.98			1.16		1.08	1.08 ^b
27 of 370	Expected	2.00		3.00		1.00	1.00		1.00		2.00		1.00			2.00		1.00	3.00
	Actual	2.13		3.00		0.83	0.94		1.17		1.79		1.11			1.91		1.07	2.16 ^b
28 of 370	Expected	1.00		3.00		1.00	1.00		1.00		1.00		1.00		2.00	3.00			3.00
	Actual	1.00		2.73		1.04	1.15		1.03		0.79		0.90		1.76	2.68			1.55 ^b
29 of 370	Expected		2.00	3.00		1.00	1.00		1.00		1.00			1.00	3.00	2.00	1.00		1.00
	Actual		2.00	2.73		0.97	1.27		1.03		0.77			1.08	2.74	1.83	0.00 ^c		0.91
30 of 370	Expected		2.00	3.00		2.00	1.00	1.00	1.00					1.00	2.00	1.00	1.00		2.00
	Actual		2.14	2.74		1.73	0.94	1.04	1.00					0.96	1.72	0.88	0.00 ^c		0.97 ^b
31 of 370	Expected	1.00	3.00	2.00		2.00	1.00	1.00		1.00		1.00		1.00	1.00				3.00
	Actual	1.00	2.84	1.88		1.78	1.03	1.08		1.02		0.91		0.97	0.97				1.69 ^b
32 of 370	Expected	1.00	2.00	2.00		2.00	1.00	1.00	1.00	1.00		1.00						1.00	4.00
	Actual	1.00	1.87	1.85		1.77	1.11	1.14	1.00	0.94		1.02						0.93	2.67 ^b
33 of 370	Expected	1.00	2.00	2.00		2.00		1.00	2.00	2.00	1.00							1.00	2.00
	Actual	1.14	2.04	1.82		1.93		1.19	1.87	1.72	0.91							1.00	1.81
34 of 370	Expected	1.00	2.00	3.00		2.00		1.00	2.00	1.00	1.00			1.00				1.00	1.00
	Actual	1.00	2.00	2.74		1.82		1.04	1.75	0.87	0.84			1.00				0.76	0.91
35 of 370	Expected	2.00	2.00	1.00		3.00		1.00	1.00	2.00	1.00	1.00	1.00	1.00	1.00				
	Actual	1.92	1.83	0.85		2.81		1.20	0.82	1.74	0.83	1.06	0.76	1.07	1.00				
36 of 370	Expected	2.00	1.00	2.00		2.00		1.00	2.00	1.00	1.00	1.00	2.00	1.00	1.00				1.00
	Actual	1.87	1.12	1.79		1.93		1.13		1.93	0.78	1.01	1.70	1.00	1.00				0.86
37 of 370	Expected	1.00	1.00	1.00		1.00	2.00	1.00		3.00	2.00	1.00	2.00	1.00					1.00
	Actual	1.00	1.11	0.91		0.92	1.88	1.09		2.72	1.76	0.94	2.04	1.09					0.87
38 of 370	Expected		1.00	2.00			2.00	1.00	1.00	2.00	2.00		2.00	2.00				1.00	1.00
	Actual		1.07	1.79			2.00	1.03	0.93	1.85	2.04		1.87	1.88				1.01	0.92
39 of 370	Expected		1.00	2.00		1.00	1.00		1.00	2.00	2.00		1.00	3.00	1.00			2.00	
	Actual		1.13	1.77		1.00	1.22		0.95	1.81	1.81		0.92	3.02	1.02			1.83	
40 of 370	Expected			2.00	1.00	3.00			2.00	1.00	1.00		1.00	3.00	1.00	1.00		1.00	
	Actual			1.90	0.57 ^a	2.86			1.86	1.04	0.90		1.00	2.87	1.00	1.02		1.11	
41 of 370	Expected			1.00	1.00	4.00			2.00	2.00	1.00			2.00	1.00	1.00		1.00	
	Actual			1.07	0.55 ^a	3.70			1.77	1.74	0.93			2.05	1.00	1.05		0.93	
42 of 370	Expected			1.00	2.00	3.00		1.00	2.00	2.00	1.00			1.00		2.00	1.00	1.00	
	Actual			0.95	0.95 ^a	2.97		1.07	1.70	1.89	1.00			1.09		1.80	0.00 ^c	1.03	
43 of 370	Expected			3.00	1.00	2.00		2.00	1.00	2.00	1.00		1.00			1.00	1.00	1.00	1.00
	Actual			2.94	0.49 ^a	2.08		2.04	0.93	1.71	0.83		0.85			1.00	0.00 ^c	1.07	0.97
44 of 370	Expected			2.00		2.00	1.00	2.00		1.00	2.00		2.00			2.00	1.00		2.00
	Actual			1.78		2.04	1.01	1.86		0.97	2.00		1.89			1.81	0.00 ^c		2.03
45 of 370	Expected			5.00		1.00	1.00	1.00			1.00	1.00	2.00			1.00			3.00
	Actual			5.02		0.94	1.15	1.03			1.00	0.92	1.90			1.19			2.73
46 of 370	Expected			5.00		3.00	1.00				1.00	1.00	2.00		1.00	1.00			2.00
	Actual			4.77		3.08	1.00				0.98	1.00	1.79		0.98	0.96			2.11
47 of 370	Expected		1.00	5.00		2.00						2.00	1.00		3.00			1.00	2.00
	Actual		1.06	4.68		2.04						1.93	1.00		2.94			0.90	1.85
48 of 370	Expected		3.00	2.00		3.00					1.00	1.00	1.00		3.00			2.00	1.00
	Actual		3.00	1.77		2.83					1.21	1.08	1.01		2.85			2.00	0.91
49 of 370	Expected		4.00	1.00		1.00				2.00	1.00	1.00	1.00	1.00	2.00			2.00	1.00
	Actual		3.79	1.00		0.99				1.80	1.28	1.10	1.05	1.24	2.04			1.97	0.89
50 of 370	Expected		3.00	1.00		3.00	1.00		2.00	2.00	1.00		1.00	1.00	2.00				
	Actual		2.84	1.00		2.97	1.25		1.72	1.74	0.85		0.97	1.12	1.93				

Table 2 - Amino Acid Analysis

Peptide		Ala (A)	Arg (R)	Asx (N,D)	Cys (C)	Glx (Q,E)	Gly (G)	His (H)	Ile (I)	Leu (L)	Lys (K)	Met (M)	Phe (F)	Pro (P)	Ser (S)	Thr (T)	Trp (W)	Tyr (Y)	Val (V)
51 of 370	Expected		1.00	1.00		2.00	2.00		2.00	3.00			1.00	1.00	1.00			1.00	
	Actual		1.09	0.74		1.71	2.07		1.68	3.09			0.92	1.11	1.00			1.10	
52 of 370	Expected					2.00	2.00		3.00	2.00				2.00	2.00	1.00		1.00	
	Actual					1.79	2.07		2.87	1.77				2.07	2.00	0.96		1.21	
53 of 370	Expected			2.00	1.00	2.00	1.00		2.00	1.00				2.00	4.00	1.00		1.00	
	Actual			1.89	0.52 ^a	1.71	1.17		1.79	1.00				2.00	3.77	0.95		1.19	
54 of 370	Expected		1.00	2.00	2.00	1.00	1.00		2.00	2.00				1.00	3.00	2.00			
	Actual		1.24	1.97	0.99 ^a	1.03	1.28		2.00	1.91				1.09	2.96	1.92			
55 of 370	Expected		1.00	2.00	2.00	2.00	1.00	1.00	1.00	2.00	1.00				1.00	1.00			2.00
	Actual		1.11	1.75	0.96 ^a	1.74	1.10	1.03	0.99	2.00	0.90				0.80	0.78			1.85
56 of 370	Expected		1.00		1.00	3.00	1.00	1.00	1.00	2.00	1.00			2.00		1.00			3.00
	Actual		0.79		0.95 ^a	2.92	0.99	0.87	0.79	1.70	1.07			2.00		1.03			2.71
57 of 370	Expected	2.00		1.00		2.00		1.00	1.00	1.00	1.00	1.00		2.00		1.00			4.00
	Actual	1.81		0.96		1.97		1.01	1.02	0.95	0.89	1.14		2.00	0.00	1.15			3.88
58 of 370	Expected	3.00		1.00		2.00			1.00		1.00	2.00		2.00		1.00		2.00	2.00
	Actual	2.81		1.00		1.71			1.00		0.86	1.98		1.87		1.01		2.02	1.81
59 of 370	Expected	3.00	1.00	3.00		2.00			1.00	1.00	1.00	2.00						2.00	1.00
	Actual	2.76	1.26	3.00		1.92			0.97	1.01	0.98	1.75						1.77	1.07
60 of 370	Expected	1.00	1.00	4.00		2.00			2.00	1.00	1.00	1.00						4.00	
	Actual	1.10	1.18	3.73		1.77			1.10 ^b	1.00	0.91	1.13						4.14	
61 of 370	Expected		2.00	4.00		2.00		1.00	2.00	1.00			1.00	1.00				2.00	1.00
	Actual		2.07	3.79		1.91		0.90	0.94 ^b	1.02			1.00	1.27				2.13	0.93
62 of 370	Expected	1.00	1.00	2.00		2.00		1.00	1.00		1.00		1.00	1.00	1.00	1.00		2.00	2.00
	Actual	0.97	1.10	1.83		1.77		0.78	0.86		0.95		0.89	1.00	0.93	0.97		2.02	1.77
63 of 370	Expected	1.00	1.00			3.00	1.00	1.00			2.00		2.00	1.00	1.00	2.00			2.00
	Actual	1.08	1.04			2.75	1.29	0.91			1.86		1.71	1.17	1.08	2.00			1.74
64 of 370	Expected					3.00	2.00			3.00	2.00		1.00	1.00	2.00	2.00			1.00
	Actual					2.71	2.01			2.89	2.03		1.12	1.06	2.00	1.92			0.84
65 of 370	Expected			1.00		1.00	2.00			3.00	2.00	1.00	1.00	2.00	2.00	1.00			
	Actual			1.00		1.06	2.28			2.88	1.83	1.07	0.88	1.87	1.93	1.18			
66 of 370	Expected			2.00		2.00	1.00		1.00	4.00	1.00	1.00		1.00	3.00				1.00
	Actual			1.93		1.89	0.98		1.01	3.86	0.92	1.12		1.00	2.89				1.14
67 of 370	Expected			2.00		2.00	1.00	1.00	1.00	1.00	3.00	1.00		1.00	3.00				1.00
	Actual			2.00		1.88	1.05	1.02	0.96	0.96	2.92	1.00		0.96	2.95				0.92
68 of 370	Expected			1.00		3.00	3.00	1.00	1.00	2.00	3.00		1.00		1.00				1.00
	Actual			1.07		2.79	2.90	1.08	0.78	1.84	3.10		1.00		0.98				1.09
69 of 370	Expected			1.00		3.00	2.00	1.00	1.00	2.00	3.00		1.00	1.00	2.00				
	Actual			0.95		2.77	2.08	1.24	0.99	1.78	3.03		0.97	1.00	1.85				
70 of 370	Expected			1.00		4.00	2.00		3.00	2.00			1.00	1.00	3.00				
	Actual			0.89		3.70	1.94		2.75	1.87			1.00	1.14	2.81				
71 of 370	Expected		1.00	2.00	1.00	5.00			3.00	1.00							4.00		
	Actual		0.92	2.10	0.58 ^a	4.50			3.00	0.91							3.95		
72 of 370	Expected		1.00	1.00	1.00	5.00			4.00	1.00							4.00		
	Actual		1.00	1.07	0.50 ^a	4.83			2.78 ^b	1.10							3.97		
73 of 370	Expected		1.00	3.00	1.00	3.00			4.00	2.00					3.00				
	Actual		1.08	3.00	0.52 ^a	2.70			2.63 ^b	1.80					3.28				
74 of 370	Expected			2.00		3.00	1.00		3.00	2.00		1.00			2.00	1.00			2.00
	Actual			2.00		2.67	1.11		2.75	1.71		1.05			1.77	1.08			1.96
75 of 370	Expected	1.00	1.00	3.00		2.00	1.00		1.00	2.00		1.00		1.00	1.00	1.00			2.00
	Actual	0.94	1.20	2.76		1.72	1.12		0.85	1.78		0.99		1.00	0.95	0.92			1.70

Table 2 - Amino Acid Analysis

Peptide		Ala (A)	Arg (R)	Asx (N,D)	Cys (C)	Glx (Q,E)	Gly (G)	His (H)	Ile (I)	Leu (L)	Lys (K)	Met (M)	Phe (F)	Pro (P)	Ser (S)	Thr (T)	Trp (W)	Tyr (Y)	Val (V)
76 of 370	Expected	1.00	1.00	2.00		1.00	2.00			1.00	1.00	1.00		1.00	1.00	3.00			2.00
	Actual	0.89	1.14	1.78		0.86	2.00			0.80	0.71	1.02		1.02	0.95	2.76			1.77
77 of 370	Expected	1.00	1.00	2.00		1.00	2.00			3.00	2.00		1.00	1.00		2.00			1.00
	Actual	0.82	1.08	1.95		1.05	2.04			2.79	2.03		0.87	1.00		1.73			0.97
78 of 370	Expected			2.00		3.00	2.00			3.00	1.00		1.00			2.00		1.00	1.00
	Actual			1.89		2.72	2.08			2.72	0.87		0.89			1.79		1.00	1.00
79 of 370	Expected			2.00		3.00	1.00		1.00	4.00	2.00		1.00		1.00			2.00	
	Actual			1.72		2.78	1.00		0.95	3.76	1.93		0.89		1.06			2.00	
80 of 370	Expected		1.00	1.00		2.00			2.00	3.00	2.00		1.00		2.00	1.00		2.00	
	Actual		1.13	0.84		1.86			1.88	2.80	1.93		0.88		1.88	1.18		2.00	
81 of 370	Expected	2.00	1.00				1.00	1.00	3.00	2.00	2.00				2.00	1.00	1.00	1.00	
	Actual	2.05	1.07				1.00	0.92	2.70	1.85	1.85				1.70	1.00	0.00 ^c	1.04	
82 of 370	Expected	2.00	2.00	1.00			1.00	2.00	4.00	2.00	1.00					1.00	1.00		
	Actual	1.84	2.02	1.00			1.08	1.83	3.78	1.80	0.88					1.07	0.00 ^c		
83 of 370	Expected	2.00	1.00	1.00		1.00	1.00	2.00	4.00	2.00					1.00	1.00	1.00		
	Actual	1.87	1.15	1.00		0.94	1.12	1.97	3.65	1.85					1.11	1.01	0.00 ^c		
84 of 370	Expected	2.00	2.00	1.00		1.00	1.00	1.00	3.00	3.00	1.00				1.00	1.00			
	Actual	1.92	2.09	1.00		0.93	1.07	1.03	2.76	2.82	0.91				0.98	1.01			
85 of 370	Expected	2.00	1.00			1.00	1.00	1.00	1.00	2.00	2.00				2.00	1.00	1.00	1.00	
	Actual	1.79	1.10			0.82	1.03	1.00	0.95	2.07	1.74				1.84	1.00	0.00 ^c	0.97	
86 of 370	Expected	3.00	1.00	1.00			1.00	2.00	1.00	1.00	2.00				2.00		1.00	2.00	
	Actual	2.91	1.08	1.03			1.18	1.71	0.76	0.95	1.87				1.96		0.00 ^c	2.00	
87 of 370	Expected	1.00	1.00	1.00			2.00	2.00	2.00	1.00	1.00				2.00		1.00	2.00	1.00
	Actual	1.03	1.18	1.06			2.08	1.74	0.95 ^b	0.88	1.18				1.94		0.00 ^c	2.00	0.46 ^b
88 of 370	Expected	1.00		1.00			2.00	2.00	3.00	2.00	1.00		1.00	1.00	1.00			1.00	1.00
	Actual	0.92		0.89			1.83	1.70	2.10 ^p	1.70	0.93		0.89	1.00	0.97			1.05	0.51 ^b
89 of 370	Expected					1.00	3.00		2.00	3.00	1.00		1.00	1.00	2.00				3.00
	Actual					1.00	3.04		1.54 ^b	2.70	0.81		0.92	1.11	1.92				1.53 ^b
90 of 370	Expected		1.00			1.00	1.00		2.00	2.00	1.00		1.00	1.00	3.00			2.00	2.00
	Actual		1.03			0.97	1.01		1.79	1.70	0.97		0.93	1.00	2.76			2.03	1.33 ^b
91 of 370	Expected		1.00	1.00		1.00	2.00		1.00	1.00	1.00		2.00		1.00	1.00		2.00	3.00
	Actual		0.85	1.00		0.85	2.17		0.78	0.80	1.00		1.70		1.02	0.91		1.79	1.72 ^b
92 of 370	Expected		1.00	2.00		1.00	2.00		3.00	1.00	1.00		2.00			1.00		2.00	1.00
	Actual		1.12	1.92		1.00	2.07		2.71	0.93	1.09		1.83			1.07		2.05	1.05
93 of 370	Expected			4.00		2.00	2.00		2.00	2.00	2.00		1.00		1.00				1.00
	Actual			4.00		1.93	2.09		1.89	1.70	1.77		1.04		1.12				0.95
94 of 370	Expected			5.00		2.00	2.00		2.00	2.00	1.00				1.00				2.00
	Actual			4.76		2.00	1.99		1.87	1.95	0.99				0.99				2.21
95 of 370	Expected			4.00	1.00	1.00	1.00		1.00	1.00	2.00		1.00		2.00		1.00		2.00
	Actual			3.82	0.47 ^a	0.90	1.09		1.08	1.03	1.86		1.07		2.12		0.00 ^c		2.00
96 of 370	Expected			3.00	1.00	1.00	1.00		2.00	1.00	1.00	1.00	1.00		2.00		1.00		2.00
	Actual			2.78	0.51 ^a	0.78	0.97		1.79	1.05	1.09	1.05	1.00		1.89		0.00 ^c		1.84
97 of 370	Expected	1.00	1.00	2.00	1.00				1.00	4.00	1.00	1.00	1.00		2.00		1.00		1.00
	Actual	1.15	1.12	1.76	0.48 ^a				0.98	3.86	0.75	1.10	0.98		1.88		0.00 ^c		1.00
98 of 370	Expected	2.00	1.00	3.00		1.00			2.00	4.00	1.00	1.00	1.00		1.00				
	Actual	2.00	1.03	2.79		0.93			1.72	4.05	0.86	1.02	0.99		0.93				
99 of 370	Expected	5.00	1.00	1.00		1.00			1.00	5.00	1.00		1.00			1.00			
	Actual	4.70	1.00	0.97		1.07			0.87	5.18	1.00		1.06			0.99			
100 of 370	Expected	4.00				2.00			1.00	2.00	1.00		2.00			2.00	1.00	2.00	
	Actual	3.88				1.94			1.11	1.90	0.99		1.73			2.00	0.00 ^c	2.29	

Table 2 - Amino Acid Analysis

Peptide		Ala (A)	Arg (R)	Asx (N,D)	Cys (C)	Glx (Q,E)	Gly (G)	His (H)	Ile (I)	Leu (L)	Lys (K)	Met (M)	Phe (F)	Pro (P)	Ser (S)	Thr (T)	Trp (W)	Tyr (Y)	Val (V)
101 of 370	Expected	2.00		1.00		3.00	1.00	1.00		2.00			1.00			3.00	1.00	2.00	
	Actual	1.91		1.08		2.78	0.96	1.27		2.04			1.03			2.78	0.00 ^c	2.00	
102 of 370	Expected	1.00		1.00		4.00	1.00	2.00		1.00			2.00	1.00		1.00	1.00	2.00	
	Actual	1.04		1.07		3.71	1.14	1.94		0.88			1.75	1.00		1.04	0.00 ^c	2.07	
103 of 370	Expected	1.00	1.00	1.00		3.00	1.00	2.00		2.00			2.00	1.00	1.00	1.00			1.00
	Actual	1.09	1.23	1.10		2.72	0.77	1.94		1.75			2.05	1.00	1.05	1.00			0.96
104 of 370	Expected	1.00	1.00			1.00		2.00		4.00			4.00	1.00	2.00				1.00
	Actual	1.00	1.18			0.93		2.06		3.92			3.94	1.05	1.89				0.92
105 of 370	Expected		1.00		1.00	1.00		1.00		3.00	1.00	1.00	3.00		3.00				2.00
	Actual		1.00		0.70 ^a	1.10		0.97		2.76	1.15	1.10	2.77		3.14				2.18
106 of 370	Expected	1.00			2.00	1.00		1.00	2.00	2.00	2.00	1.00	3.00		1.00				1.00
	Actual	1.15			0.99 ^a	1.08		0.74	1.83	1.79	1.86	1.00	2.91		1.07				0.87
107 of 370	Expected	1.00	1.00	2.00	1.00	1.00			2.00	2.00	2.00	1.00	1.00		1.00			1.00	1.00
	Actual	1.03	0.93	1.80	0.51 ^a	0.93			1.78	1.78	1.80	0.95	0.92		1.05			1.00	0.99
108 of 370	Expected	2.00	1.00	2.00	1.00				3.00	2.00			1.00	1.00		1.00		1.00	1.00
	Actual	1.85	0.91	1.90	0.46 ^a				3.00	1.79			0.83	1.13		1.00		1.10	1.11
109 of 370	Expected	1.00	1.00	2.00			1.00		1.00	3.00				1.00	2.00	1.00		3.00	1.00
	Actual	1.00	1.17	1.80			1.20		0.95	2.80				1.02	1.83	0.94		3.17	1.06
110 of 370	Expected	1.00				2.00	1.00		2.00	3.00	1.00			1.00	2.00	1.00		2.00	1.00
	Actual	1.01				1.73	1.14		1.73	2.89	0.93			1.00	1.81	0.93		1.71	1.02
111 of 370	Expected		1.00			3.00	1.00		1.00	3.00	1.00		3.00	1.00	1.00			2.00	
	Actual		1.13			2.87	1.17		0.86	2.74	0.82		2.81	1.00	1.04			1.93	
112 of 370	Expected	1.00	1.00			3.00			1.00	3.00	2.00		3.00	1.00	1.00				1.00
	Actual	0.99	1.13			2.96			0.91	2.76	1.74		2.83	1.00	1.01				0.97
113 of 370	Expected	1.00	1.00	1.00		2.00			2.00	2.00	1.00		2.00	1.00	1.00			2.00	1.00
	Actual	0.95	1.05	1.00		1.73			0.94 ^b	1.76	1.13		1.96	1.00	1.03			2.01	0.82
114 of 370	Expected	2.00		1.00		1.00			3.00	4.00	1.00				1.00			2.00	1.00
	Actual	2.00		1.16		1.05			1.65 ^b	3.73	1.06				1.25			1.75	1.01
115 of 370	Expected	2.00		3.00		1.00			3.00	4.00	1.00				1.00			2.00	
	Actual	2.09		2.85		1.08			1.61 ^b	4.04	0.93				1.11			2.00	
116 of 370	Expected	2.00	1.00	2.00		1.00			1.00	3.00	2.00		1.00		1.00			1.00	1.00
	Actual	1.93	1.04	2.04		0.92			1.03	2.93	1.72		1.03		1.00			1.00	0.90
117 of 370	Expected	1.00	2.00	2.00		1.00				3.00	2.00		1.00		2.00			1.00	2.00
	Actual	0.95	2.08	2.09		0.96				2.84	2.00		0.94		2.01			1.00	1.86
118 of 370	Expected		2.00	1.00			1.00	1.00		3.00	2.00		1.00		1.00	1.00		1.00	3.00
	Actual		2.13	0.85			0.96	0.92		2.72	2.09		1.01		0.74	0.71		1.00	2.75
119 of 370	Expected	1.00	1.00	1.00			2.00	1.00		3.00	1.00				1.00	2.00			3.00
	Actual	0.87	0.97	1.13			2.01	1.18		3.00	0.90				0.89	1.71			2.78
120 of 370	Expected	1.00		1.00			3.00	1.00		1.00					2.00	2.00		1.00	3.00
	Actual	1.00		0.85			3.01	1.05		1.03					2.00	1.72		0.95	2.76
121 of 370	Expected	1.00	1.00	1.00			2.00	1.00		1.00		1.00		1.00	4.00	1.00		1.00	2.00
	Actual	0.86	1.01	0.74			1.84	1.14		0.92		0.96		1.00	3.69	0.77		0.79	1.89
122 of 370	Expected	1.00	1.00				1.00	1.00		1.00	1.00	1.00		1.00	3.00			3.00	3.00
	Actual	0.85	1.01				1.03	1.04		0.93	1.12	0.98		1.00	2.73			2.90	1.60 ^b
123 of 370	Expected		2.00			1.00		1.00	1.00	2.00	1.00	1.00			4.00			2.00	2.00
	Actual		2.00			0.96		1.08	0.95	1.98	1.00	1.03			3.61			1.72	0.92 ^b
124 of 370	Expected	1.00	1.00		1.00	1.00		1.00	1.00	1.00	1.00		2.00		2.00	2.00		2.00	1.00
	Actual	0.89	1.02		0.52 ^a	0.97		0.99	0.97	1.00	0.98		1.93		1.72	1.76		2.00	0.94
125 of 370	Expected	1.00			1.00	2.00	1.00		1.00	3.00	1.00		3.00		2.00	2.00			
	Actual	1.00			0.56 ^a	1.73	1.06		0.97	2.80	0.81		2.96		1.78	1.75			

Table 2 - Amino Acid Analysis

Peptide		Ala (A)	Arg (R)	Asx (N,D)	Cys (C)	Glx (Q,E)	Gly (G)	His (H)	Ile (I)	Leu (L)	Lys (K)	Met (M)	Phe (F)	Pro (P)	Ser (S)	Thr (T)	Trp (W)	Tyr (Y)	Val (V)
126 of 370	Expected			2.00	1.00	2.00	2.00	1.00		3.00	1.00		3.00			2.00			
	Actual			2.00	0.55 ^a	2.00	2.34	1.23		2.77	1.14		2.83			1.74			
127 of 370	Expected	1.00		2.00		3.00	2.00	2.00	1.00	3.00	2.00		1.00						
	Actual	1.05		2.00		2.98	2.17	2.00	0.83	2.92	1.90		1.09						
128 of 370	Expected	2.00		2.00		4.00	1.00	1.00	1.00	2.00	1.00					1.00	1.00		1.00
	Actual	2.00		1.83		3.77	1.13	0.81	0.80	2.04	0.92					0.93	0.00 ^c		1.00
129 of 370	Expected	3.00	1.00			3.00		1.00	1.00	1.00	3.00		1.00			1.00	1.00		1.00
	Actual	2.72	1.10			2.74		0.95	0.85	1.09	3.00		1.09			0.92	0.00 ^c		0.85
130 of 370	Expected	2.00	2.00	1.00		3.00	1.00				3.00		1.00			1.00	1.00	1.00	1.00
	Actual	1.83	2.00	0.78		3.00	1.04				2.80		1.13			1.02	0.00 ^c	1.14	0.79
131 of 370	Expected	1.00	2.00	1.00		3.00	2.00		1.00	1.00	3.00	1.00	1.00					1.00	
	Actual	1.00	2.03	0.83		2.79	2.07		0.97	1.09	2.89	0.95	1.04					1.00	
132 of 370	Expected	1.00	2.00	2.00		1.00	2.00		3.00	1.00	1.00	1.00				1.00		2.00	
	Actual	1.07	2.00	1.82		0.88	2.14		2.78	1.11	0.72	0.98				1.20		1.87	
133 of 370	Expected	1.00	2.00	2.00		2.00	2.00		2.00	1.00		1.00				1.00		1.00	2.00
	Actual	1.11	2.00	1.77		1.76	2.18		2.06	1.16		1.04				1.07		0.89	1.96
134 of 370	Expected	1.00	1.00	2.00		4.00	1.00		2.00	1.00			1.00			1.00			3.00
	Actual	1.00	1.06	1.82		3.63	1.09		1.86	1.07			1.14			0.81			2.86
135 of 370	Expected			1.00	1.00	7.00	1.00			1.00			1.00						5.00
	Actual			0.90	0.56 ^a	6.66	1.05			1.00			1.09						4.56 ^b
136 of 370	Expected	1.00			1.00	8.00				2.00			1.00		1.00				3.00
	Actual	1.06			0.54 ^a	7.77				1.96			1.00		0.89				1.84 ^b
137 of 370	Expected	1.00		1.00	1.00	6.00				3.00	1.00				1.00			1.00	2.00
	Actual	1.00		0.90	0.49 ^a	5.79				2.76	0.82				1.01			0.99	0.97 ^b
138 of 370	Expected	2.00		1.00		4.00				4.00	2.00				2.00			1.00	1.00
	Actual	2.05		0.81		3.83				3.75	1.93				1.93			1.19	1.00
139 of 370	Expected	1.00		3.00		2.00			1.00	2.00	2.00	1.00			3.00			1.00	1.00
	Actual	1.00		2.81		2.01			1.04	2.01	2.16	0.96			2.81			1.01	0.91
140 of 370	Expected			3.00		1.00		1.00	1.00	1.00	3.00	1.00			3.00		1.00		1.00
	Actual			2.79		1.13		1.00	1.14	1.07	2.74	1.04			2.76		0.00 ^c		1.00
141 of 370	Expected			3.00		1.00		1.00	1.00		2.00	1.00	1.00	1.00	3.00	1.00	1.00	1.00	1.00
	Actual			2.83		1.10		1.12	1.15		1.79	0.83	0.00	0.85	2.75	1.02	0.00 ^c	1.00	
142 of 370	Expected		1.00	2.00		1.00		1.00	1.00	1.00	3.00		1.00	1.00	2.00	1.00	1.00	1.00	1.00
	Actual		1.00	1.71		1.01		0.86	0.96	0.96	2.98		1.12	0.98	1.72	1.00	0.00 ^c	0.93	
143 of 370	Expected	1.00	1.00	1.00		1.00	2.00		1.00	2.00	1.00	1.00	1.00		3.00	1.00		1.00	
	Actual	1.00	1.19	0.74		0.83	2.17		0.96	1.83	0.77	0.96	0.98		2.83	0.88		0.97	
144 of 370	Expected	1.00		2.00		2.00	3.00	1.00	1.00	3.00	1.00	1.00			2.00				
	Actual	1.08		1.75		2.12	2.87	1.00	1.05	2.81	1.05	0.92			1.78				
145 of 370	Expected	3.00		1.00		2.00	2.00	1.00		3.00		1.00			2.00	1.00			1.00
	Actual	2.80		0.99		1.77	2.08	1.22		2.75		0.93			1.89	1.19			1.00
146 of 370	Expected	3.00		1.00		3.00	1.00	1.00	2.00	3.00					1.00	1.00			1.00
	Actual	2.72		0.96		3.00	1.15	1.04	2.00	2.82					1.07	0.75			0.86
147 of 370	Expected	3.00	2.00	1.00		1.00			2.00	3.00			1.00		1.00	1.00			1.00
	Actual	2.75	1.73	1.00		1.16			1.80	3.01			1.13		0.83	0.85			0.80
148 of 370	Expected	1.00	2.00	3.00		2.00			2.00	2.00			1.00	1.00	1.00	2.00			
	Actual	1.00	2.03	2.90		1.70			1.98	1.97			1.08	0.89	0.95	1.90			
149 of 370	Expected		2.00	4.00		2.00			1.00	1.00		1.00	1.00	1.00	1.00	1.00		1.00	1.00
	Actual		2.03	3.96		1.70			0.65 ^b	0.96		0.81	1.16	0.86	0.86	1.00		0.88	0.58 ^b
150 of 370	Expected			3.00		4.00		1.00	1.00		1.00	1.00		1.00	1.00	2.00		1.00	1.00
	Actual			2.74		3.98		1.18	0.51 ^b		1.03	0.89		0.96	0.98	2.00		0.92	0.55 ^b

Table 2 - Amino Acid Analysis

Peptide		Ala (A)	Arg (R)	Asx (N,D)	Cys (C)	Glx (Q,E)	Gly (G)	His (H)	Ile (I)	Leu (L)	Lys (K)	Met (M)	Phe (F)	Pro (P)	Ser (S)	Thr (T)	Trp (W)	Tyr (Y)	Val (V)
151 of 370	Expected	2.00	1.00	1.00		4.00		1.00	2.00		2.00	1.00				1.00		1.00	1.00
	Actual	2.00	0.88	1.01		3.78		0.95	1.42 ^b		2.14	0.83				1.01		0.86	0.50 ^b
152 of 370	Expected	2.00	2.00			4.00		1.00	1.00		3.00					1.00		2.00	1.00
	Actual	1.96	1.97			3.90		1.00	0.55 ^b		2.91					1.12		1.84	0.55 ^b
153 of 370	Expected	3.00	3.00	1.00		3.00		1.00	1.00		2.00					1.00		1.00	1.00
	Actual	2.78	3.18	0.80		2.94		1.01	0.46 ^b		1.84					1.00		1.11	0.54 ^b
154 of 370	Expected	1.00	3.00	1.00		2.00	1.00		2.00		1.00		2.00			2.00		1.00	1.00
	Actual	1.00	3.02	0.96		1.83	1.00		1.39 ^b		1.13		1.87			1.91		0.85	0.48 ^b
155 of 370	Expected	1.00	3.00	1.00		1.00	1.00		1.00	1.00			2.00	1.00		4.00		0.00	1.00
	Actual	0.99	3.13	0.92		1.02	1.15		0.93	0.96			2.00	0.84		3.74		0.00	0.77
156 of 370	Expected		2.00			2.00	1.00		3.00	2.00			2.00	1.00		3.00			1.00
	Actual		2.00			1.83	0.98		1.61 ^b	1.70			1.84	1.05		2.77			0.87
157 of 370	Expected	1.00	2.00	2.00		2.00			3.00	2.00				1.00		1.00		2.00	1.00
	Actual	1.27	2.00	1.83		1.94			1.79 ^b	2.19				1.15		1.17		1.91	0.97
158 of 370	Expected	2.00	1.00	2.00		3.00			3.00	1.00				1.00				2.00	2.00
	Actual	2.00	1.07	1.74		2.71			1.84 ^b	0.96				1.04				1.89	1.45 ^b
159 of 370	Expected	2.00	1.00	1.00		2.00	1.00		2.00					1.00	1.00			4.00	2.00
	Actual	1.77	0.89	0.89		1.88	1.15		1.95					1.00	0.89			4.05	1.11 ^b
160 of 370	Expected		1.00	1.00		2.00	2.00		2.00	1.00	2.00			1.00	1.00			2.00	2.00
	Actual		1.09	0.98		1.92	2.07		2.00	0.90	1.93			0.92	0.95			1.76	1.01 ^b
161 of 370	Expected	1.00		2.00		1.00	2.00		3.00	2.00	2.00				1.00	1.00		2.00	
	Actual	1.01		1.87		0.99	2.21		2.81	2.08	1.90				0.93	1.00		1.90	
162 of 370	Expected	2.00	1.00	2.00		2.00			2.00	3.00	3.00					1.00	1.00		
	Actual	2.00	0.99	1.90		1.99			2.03	3.00	3.17					0.92	0.00 ^c		
163 of 370	Expected	3.00	1.00			3.00	1.00		1.00	2.00	1.00				3.00	1.00	1.00		
	Actual	3.00	0.99			2.84	1.02		0.91	1.87	0.84				2.78	0.96	0.00 ^c		
164 of 370	Expected	2.00	1.00			1.00	2.00		1.00	1.00	1.00				4.00	2.00	1.00		1.00
	Actual	2.00	1.05			0.95	1.76		0.73 ^b	1.03	1.12				3.78	2.20	0.00 ^c		0.72 ^b
165 of 370	Expected			1.00		1.00	2.00		2.00		2.00		1.00		4.00	2.00			2.00
	Actual			0.93		0.99	2.00		1.02 ^b		1.78		1.08		3.70	1.70			0.92 ^b
166 of 370	Expected		2.00	1.00			1.00		2.00	1.00	2.00	1.00	1.00		1.00	2.00		1.00	2.00
	Actual		1.84	0.82			1.00		1.10 ^b	1.03	1.79	0.93	1.05		0.89	1.71		0.91	1.19 ^b
167 of 370	Expected	2.00	2.00	1.00					1.00	1.00	3.00	1.00	1.00		1.00	1.00		1.00	2.00
	Actual	1.68	1.77	0.89					0.62 ^b	1.06	2.76	0.82	1.12		0.91	1.00		0.84	0.94 ^b
168 of 370	Expected	2.00	1.00	3.00			1.00			1.00	1.00	1.00		1.00	2.00	1.00	1.00	1.00	1.00
	Actual	2.00	1.11	2.72			1.18			1.06	1.13	0.99		1.00	1.87	1.11	0.00 ^c	0.73	0.81
169 of 370	Expected	3.00	1.00	3.00			1.00				3.00		1.00	1.00	2.00	1.00	1.00		
	Actual	2.93	1.06	2.91			1.00				2.94		1.14	1.00	2.08	0.91	0.00 ^c		
170 of 370	Expected	2.00	1.00	2.00		1.00	1.00			1.00	2.00		2.00	1.00	2.00	1.00		1.00	
	Actual	1.97	0.95	1.69		1.14	1.00			1.07	1.73		1.75	1.00	1.72	0.98		0.95	
171 of 370	Expected	2.00	1.00	2.00		2.00	1.00			2.00	2.00		2.00		1.00	1.00		1.00	
	Actual	2.00	1.08	1.85		1.96	0.97			1.71	2.10		1.99		1.11	1.08		1.04	
172 of 370	Expected	1.00		2.00	2.00	2.00	1.00			3.00	2.00				1.00	1.00		1.00	1.00
	Actual	1.00		1.76	0.51 ^a	1.83	1.11			2.85	1.89				0.89	0.96		0.90	1.03
173 of 370	Expected	1.00	1.00	2.00	2.00	1.00	1.00	1.00		3.00	2.00				1.00				2.00
	Actual	1.00	1.05	1.76	0.52 ^a	0.96	0.85	0.92		2.70	1.82				0.86				1.02 ^b
174 of 370	Expected	1.00	1.00	1.00	2.00	2.00		1.00		2.00	1.00		1.00			1.00		1.00	3.00
	Actual	1.00	1.07	0.95	0.96 ^a	1.80		0.98		1.84	1.19		1.17			1.01		0.83	1.61 ^b
175 of 370	Expected	1.00	2.00	1.00		2.00		1.00		2.00	1.00	1.00	2.00		1.00	1.00		1.00	1.00
	Actual	1.06	1.75	0.95		1.88		0.87		1.75	1.01	0.85	1.89		1.00	1.14		0.77	0.87

Table 2 - Amino Acid Analysis

Peptide		Ala (A)	Arg (R)	Asx (N,D)	Cys (C)	Glx (Q,E)	Gly (G)	His (H)	Ile (I)	Leu (L)	Lys (K)	Met (M)	Phe (F)	Pro (P)	Ser (S)	Thr (T)	Trp (W)	Tyr (Y)	Val (V)
176 of 370	Expected		2.00	1.00		2.00		1.00	1.00	1.00	1.00	1.00	2.00		1.00	1.00		2.00	
	Actual		1.73	0.91		1.78		0.99	0.74	1.10	1.13	0.83	1.72		0.95	1.00		2.11	
177 of 370	Expected		2.00	2.00		1.00		2.00	1.00	1.00	1.00	2.00	1.00		2.00			1.00	
	Actual		2.00	1.92		0.94		1.96	0.82	0.97	1.12	1.76	0.97		1.81			0.96	
178 of 370	Expected	1.00	1.00	3.00		3.00		2.00	1.00	1.00		1.00			2.00			1.00	1.00
	Actual	1.03	1.10	3.00		3.19		2.25	1.12	1.15		0.99			1.92			0.95	0.95
179 of 370	Expected	1.00		3.00		3.00		1.00		1.00	1.00	1.00	3.00		2.00				1.00
	Actual	1.00		2.72		2.76		1.15		0.74	0.91	0.82	2.88		1.90				0.97
180 of 370	Expected	2.00		2.00		2.00	2.00			1.00	1.00		3.00		2.00				2.00
	Actual	2.00		1.79		1.96	1.81			0.90	0.94		3.00		1.77				2.02
181 of 370	Expected	1.00		2.00			3.00			1.00	2.00		3.00		1.00	1.00	1.00		2.00
	Actual	0.99		1.87			3.27			0.99	1.96		2.77		1.00	0.82	0.00 ^c		1.90
182 of 370	Expected	1.00		3.00		1.00	4.00			2.00	1.00				1.00	1.00	1.00		2.00
	Actual	0.95		2.89		1.06	4.10			1.93	0.77				1.03	1.00	0.00 ^c		1.82
183 of 370	Expected			3.00	1.00	1.00	2.00			3.00	2.00		1.00		2.00		1.00		1.00
	Actual			2.93	0.54 ^a	0.94	2.00			2.76	2.09		1.19		1.98		0.00 ^c		0.83
184 of 370	Expected	2.00		2.00	1.00	1.00	2.00			3.00	1.00		1.00		2.00				1.00
	Actual	2.00		1.73	0.53 ^a	1.00	2.11			2.85	0.86		1.18		2.06				1.15
185 of 370	Expected	2.00	2.00	1.00	1.00		1.00			3.00	1.00		2.00		3.00				1.00
	Actual	1.96	2.27	0.87	0.50 ^a		1.12			2.72	0.86		2.00		2.91				1.15
186 of 370	Expected	3.00	2.00			1.00	1.00		1.00	3.00			3.00		1.00		1.00		1.00
	Actual	2.94	2.00			1.04	1.09		0.87	2.83			2.84		0.98		0.00 ^c		1.05
187 of 370	Expected	1.00	2.00		1.00	3.00			1.00	4.00			3.00	1.00			1.00		
	Actual	1.00	2.16		0.56 ^a	2.82			0.83	3.90			3.08	1.17			0.00 ^c		
188 of 370	Expected	2.00			1.00	4.00		2.00		2.00			4.00	1.00			1.00		
	Actual	2.00			0.55 ^a	3.88		1.87		2.00			3.77	1.27			0.00 ^c		
189 of 370	Expected	2.00		2.00	1.00	3.00		2.00		2.00			3.00	1.00	1.00				
	Actual	2.00		2.04	0.51 ^a	3.00		2.00		1.92			3.06	1.12	1.05				
190 of 370	Expected	2.00		2.00		1.00	1.00	2.00	1.00	2.00			3.00		1.00				2.00
	Actual	1.95		2.00		0.90	1.31	1.98	0.97	2.09			2.74		1.13				1.97
191 of 370	Expected	1.00		4.00		2.00	2.00		1.00	2.00			1.00	1.00	1.00				2.00
	Actual	1.00		3.70		2.02	2.03		0.73	1.79			0.88	1.08	0.91				1.85
192 of 370	Expected			3.00		2.00	2.00		1.00	2.00			1.00	1.00		1.00	1.00	3.00	
	Actual			2.75		1.80	2.15		0.72	1.72			1.06	1.05		1.00	0.00 ^c	2.92	
193 of 370	Expected			3.00		4.00	1.00		1.00	1.00			1.00	1.00	1.00	1.00	1.00	1.00	1.00
	Actual			2.79		3.77	1.00		1.06	1.08			1.00	0.91	0.91	0.92	0.00 ^c	1.03	1.06
194 of 370	Expected	1.00		2.00		3.00	1.00	1.00	1.00	1.00			1.00		1.00		2.00	2.00	1.00
	Actual	1.10		2.00		2.95	1.17	1.17	0.90	0.88			0.82		0.90		0.00 ^c	1.82	1.06
195 of 370	Expected	2.00		2.00		5.00	1.00	2.00	1.00						1.00		1.00	1.00	1.00
	Actual	2.00		2.02		4.86	1.13	2.02	1.08						0.98		0.00 ^c	1.17	1.10
196 of 370	Expected	1.00		2.00		2.00	1.00	2.00			1.00	2.00	1.00		1.00		2.00	1.00	1.00
	Actual	0.97		1.86		2.15	1.00	2.01			0.93	1.79	1.00		0.93		0.00 ^c	1.01	0.97
197 of 370	Expected	1.00		2.00		3.00		2.00		2.00	1.00	2.00	1.00		1.00		1.00		1.00
	Actual	0.99		1.91		3.06		2.13		1.83	1.16	1.72	1.14		0.95		0.00 ^c		1.00
198 of 370	Expected			1.00		1.00	1.00	2.00	1.00	4.00	1.00	2.00	1.00		2.00		1.00		
	Actual			0.96		1.00	1.11	2.20	0.99	3.75	0.94	1.88	1.06		1.88		0.00 ^c		
199 of 370	Expected					1.00	1.00	2.00	1.00	4.00	3.00	1.00		1.00	2.00				1.00
	Actual					1.00	1.10	2.00	1.00	3.89	3.08	1.01		1.15	1.93				1.07
200 of 370	Expected						1.00		1.00	1.00	3.00	1.00		2.00	3.00	3.00			2.00
	Actual						1.10		0.72	0.80	2.93	1.15		2.00	2.84	2.74			1.82

Table 2 - Amino Acid Analysis

Peptide		Ala (A)	Arg (R)	Asx (N,D)	Cys (C)	Glx (Q,E)	Gly (G)	His (H)	Ile (I)	Leu (L)	Lys (K)	Met (M)	Phe (F)	Pro (P)	Ser (S)	Thr (T)	Trp (W)	Tyr (Y)	Val (V)
201 of 370	Expected	1.00		1.00		1.00				1.00	2.00		1.00	2.00	2.00	3.00			2.00
	Actual	1.15		1.01		0.96				0.85	1.80		0.98	2.00	1.74	2.89			2.11
202 of 370	Expected	1.00		1.00		2.00	1.00			1.00			3.00	1.00	2.00	4.00			1.00
	Actual	1.03		1.00		2.09	1.00			1.00			2.78	0.96	1.72	3.75			0.80
203 of 370	Expected	2.00		1.00	1.00	2.00	1.00		1.00	1.00			3.00		2.00	1.00			1.00
	Actual	2.00		0.99	0.59 ^a	1.82	1.14		0.97	0.85			2.87		1.81	0.95			1.21
204 of 370	Expected	1.00			1.00	1.00	1.00		3.00	1.00	1.00		3.00	1.00	2.00	1.00			1.00
	Actual	1.01			0.58 ^a	0.99	1.00		2.87	0.79	0.80		3.03	1.02	2.01	0.78			1.10
205 of 370	Expected	1.00		1.00	1.00		1.00		3.00	3.00	1.00		1.00	1.00	3.00				1.00
	Actual	0.96		0.92	0.56 ^a		1.03		2.78	2.70	0.72		0.78	1.00	2.86				1.02
206 of 370	Expected			1.00			3.00		2.00	5.00	1.00		2.00	1.00	2.00				
	Actual			0.89			2.79		1.79	5.03	1.06		2.00	1.03	1.84				
207 of 370	Expected	2.00		3.00			3.00			4.00			2.00	1.00	2.00				
	Actual	2.00		2.84			2.81			3.91			2.11	1.16	1.93				
208 of 370	Expected	3.00	1.00	2.00	1.00	1.00	2.00			2.00			2.00	1.00	1.00				1.00
	Actual	2.97	1.26	2.00	0.62 ^a	1.03	2.25			1.82			1.81	1.28	1.09				1.10
209 of 370	Expected	4.00	1.00	3.00	1.00	1.00	1.00			2.00	1.00	1.00			1.00				1.00
	Actual	3.76	1.22	3.01	0.56 ^a	1.01	1.15			1.94	1.08	1.08			1.00				0.97
210 of 370	Expected	3.00	1.00	1.00	1.00	2.00	1.00			2.00	1.00	1.00		1.00	2.00				1.00
	Actual	2.86	0.99	1.00	0.54 ^a	1.82	1.08			1.80	0.90	1.08		1.12	1.98				0.93
211 of 370	Expected	4.00		1.00		2.00	1.00			3.00	1.00	1.00		1.00	1.00				2.00
	Actual	4.03		1.00		1.87	1.01			2.83	0.90	0.93		1.04	0.90				0.93 ^b
212 of 370	Expected	3.00			1.00	2.00			1.00	2.00	1.00			1.00	2.00	1.00			3.00
	Actual	2.75			0.59 ^a	1.92			0.87 ^b	1.98	1.01			1.17	2.20	1.00			1.73 ^b
213 of 370	Expected	2.00	1.00		1.00	2.00	1.00		1.00	2.00	1.00				1.00	1.00		1.00	3.00
	Actual	1.81	1.22		0.56 ^a	1.94	1.15		1.02 ^b	1.82	0.79	0.00	0.00	0.00	1.00	0.87		1.14	1.66 ^b
214 of 370	Expected	1.00	1.00	1.00	1.00	1.00	2.00		1.00	1.00	1.00	1.00			1.00	2.00		1.00	2.00
	Actual	1.08	0.93	1.00	0.52 ^a	1.02	2.25		0.91 ^b	1.03	0.86	1.26			1.01	1.87		1.11	1.90
215 of 370	Expected	2.00	1.00	2.00		1.00	2.00			1.00		1.00		1.00	1.00	1.00		1.00	3.00
	Actual	1.92	1.17	2.00		0.81	2.02			0.82		1.05		1.12	0.93	0.79		1.10	3.07
216 of 370	Expected	2.00		2.00			1.00			1.00	2.00	1.00	1.00	1.00	1.00	2.00			3.00
	Actual	2.00		1.82			1.17			1.05	2.00	1.00	1.26	1.19	1.03	2.23			2.94
217 of 370	Expected	2.00		1.00				1.00	1.00	1.00	2.00		1.00	2.00	1.00	1.00			3.00
	Actual	2.00		1.02				0.92	1.02	0.96	1.80		1.03	1.95	0.94	1.03			2.81
218 of 370	Expected	1.00		1.00			3.00	1.00	1.00	2.00	2.00		1.00	2.00		1.00			2.00
	Actual	1.00		0.89			2.94	1.06	0.95	1.93	1.92		1.13	1.82		1.03			1.83
219 of 370	Expected	1.00		1.00		1.00	3.00	1.00	2.00	1.00		2.00		2.00	2.00				1.00
	Actual	1.03		1.02		1.05	2.86	1.00	1.83	1.01		1.88		1.90	1.83				0.96
220 of 370	Expected	2.00		1.00		1.00	4.00		2.00	2.00		2.00			2.00	1.00			
	Actual	1.98		1.00		1.06	4.02		1.81	1.91		1.87			2.03	1.18			
221 of 370	Expected	3.00		2.00		1.00	2.00		2.00	1.00	1.00	3.00			1.00	1.00			
	Actual	2.90		2.00		0.97	1.98		1.74	1.05	0.89	2.75			1.04	1.10			
222 of 370	Expected	4.00		2.00		1.00	2.00		2.00	1.00	2.00	1.00	1.00			1.00			
	Actual	3.78		1.95		1.06	2.00		1.77	0.83	1.98	1.16	1.22			1.11			
223 of 370	Expected	2.00		2.00		1.00		1.00	1.00	1.00	3.00	1.00	1.00		1.00	1.00			2.00
	Actual	2.06		1.89		0.98		1.09	0.92	0.98	2.78	0.90	1.15		0.99	1.00			1.94
224 of 370	Expected	1.00	3.00	2.00		1.00	1.00	1.00		1.00	2.00		1.00		1.00	1.00		2.00	
	Actual	1.04	2.84	1.78		1.00	1.05	1.13		0.94	2.01		1.02		1.02	1.12		1.96	
225 of 370	Expected		3.00	2.00			2.00	1.00		2.00	1.00		1.00		1.00	1.00		2.00	1.00
	Actual		3.00	1.80			2.20	1.23		1.77	1.08		1.09		1.07	1.07		1.82	0.88

Table 2 - Amino Acid Analysis

Peptide		Ala (A)	Arg (R)	Asx (N,D)	Cys (C)	Glx (Q,E)	Gly (G)	His (H)	Ile (I)	Leu (L)	Lys (K)	Met (M)	Phe (F)	Pro (P)	Ser (S)	Thr (T)	Trp (W)	Tyr (Y)	Val (V)
226 of 370	Expected		2.00	2.00			2.00			4.00	1.00	1.00	2.00		1.00			1.00	1.00
	Actual		2.00	1.78			2.14			3.78	1.11	0.97	1.88		1.09			0.79	0.78
227 of 370	Expected			1.00		2.00	1.00			4.00	1.00	1.00	3.00		2.00				2.00
	Actual			0.98		2.11	1.10			3.85	1.00	0.94	2.71		1.84				1.79
228 of 370	Expected		1.00	2.00		3.00	1.00	1.00		3.00		1.00	2.00		2.00				1.00
	Actual		1.12	1.78		2.95	1.00	1.18		2.89		1.05	1.75		1.87				0.85
229 of 370	Expected		1.00	2.00		3.00	2.00	1.00		1.00			3.00		2.00				2.00
	Actual		1.05	2.00		2.88	2.13	1.03		1.10			3.00		2.03				1.87
230 of 370	Expected		1.00	1.00		2.00	2.00	1.00		1.00	2.00		2.00		1.00		1.00		3.00
	Actual		1.14	1.00		1.87	2.02	1.17		0.97	1.87		1.90		1.02		0.00 ^c		2.82
231 of 370	Expected			1.00		2.00	1.00				3.00		3.00	1.00	1.00	1.00	1.00		3.00
	Actual			1.00		1.85	1.05				3.03		2.89	1.15	0.91	1.20	0.00 ^c		2.90
232 of 370	Expected			2.00		4.00					2.00		4.00	1.00		1.00	1.00		2.00
	Actual			2.00		4.03					1.71		3.75	0.98		1.17	0.00 ^c		1.84
233 of 370	Expected			2.00		4.00				1.00	1.00		4.00	1.00	2.00	1.00		1.00	
	Actual			1.86		3.88				1.03	0.89		3.88	1.09	2.00	1.06		1.14	
234 of 370	Expected			2.00		3.00				1.00	1.00		4.00		3.00	1.00	1.00	1.00	
	Actual			1.95		2.85				1.00	1.17		3.74		2.89	1.28	0.00 ^c	1.20	
235 of 370	Expected			2.00		2.00		1.00		1.00	1.00		1.00	1.00	3.00	1.00	1.00	2.00	1.00
	Actual			1.89		2.00		1.06		0.97	0.94		1.04	1.06	2.92	1.04	0.00 ^c	1.74	0.83
236 of 370	Expected		1.00	2.00		1.00	1.00	1.00	2.00			1.00		2.00	1.00	1.00	1.00	2.00	1.00
	Actual		1.18	1.83		0.96	1.09	1.12	1.02 ^b			1.24		2.00	0.94	1.06	0.00 ^c	1.73	0.88
237 of 370	Expected		2.00	3.00			1.00	1.00	2.00	2.00				2.00				2.00	2.00
	Actual		2.14	2.79			1.15	1.12	0.71 ^b	1.75				2.00				1.90	1.78
238 of 370	Expected		3.00	2.00			1.00		2.00	4.00	1.00			1.00				1.00	2.00
	Actual		2.92	1.78			1.16		0.94 ^b	4.06	1.00			1.06				0.89	1.72
239 of 370	Expected		1.00	4.00					1.00	4.00	1.00			1.00	1.00			1.00	3.00
	Actual		1.00	3.81					0.72 ^b	3.97	1.02			1.08	1.06			0.98	1.91 ^b
240 of 370	Expected	1.00	1.00	2.00		1.00			1.00	2.00	1.00	2.00		1.00	1.00	2.00			2.00
	Actual	1.02	1.08	1.78		0.95			0.56 ^b	1.72	0.82	1.86		1.06	0.97	2.00			1.55 ^b
241 of 370	Expected	1.00	1.00	1.00		2.00			1.00	2.00		2.00		2.00	2.00	2.00			1.00
	Actual	1.00	1.00	0.91		1.88			0.50 ^b	1.93		1.82		2.00	1.80	1.86			0.53 ^b
242 of 370	Expected	2.00	2.00			3.00				2.00	1.00	3.00	1.00	1.00	1.00	1.00			
	Actual	1.86	2.18			2.74				1.89	1.05	2.74	1.05	1.00	0.91	1.01			
243 of 370	Expected	1.00	2.00			3.00		1.00		2.00	2.00	2.00	1.00	1.00					1.00
	Actual	0.90	2.03			3.07		1.07		1.71	1.65	1.80	1.06	1.00					0.83
244 of 370	Expected	1.00	1.00		1.00	4.00	1.00	1.00		1.00	3.00	2.00	1.00						1.00
	Actual	0.97	1.11		0.52 ^a	4.00	0.93	0.97		0.96	2.63	1.74	0.99						0.86
245 of 370	Expected		1.00		1.00	3.00	1.00	1.00		1.00	3.00	1.00	1.00			1.00	1.00		2.00
	Actual		1.06		0.50 ^a	3.00	0.94	0.96		0.88	3.04	0.90	0.96			1.05	0.00 ^c		2.00
246 of 370	Expected	3.00	1.00		1.00	3.00	1.00			2.00	1.00					1.00	1.00		2.00
	Actual	3.00	1.13		0.49 ^a	2.88	1.07			1.97	1.00		0.86			0.80	0.00 ^c		1.87
247 of 370	Expected	4.00	1.00	1.00		1.00				1.00	1.00		2.00		1.00	2.00	1.00		2.00
	Actual	3.75	0.84	0.98		0.96				0.82	1.01		1.89		1.10	2.00	0.00 ^c		1.74
248 of 370	Expected	4.00		2.00		1.00				1.00	2.00		1.00	1.00	1.00	2.00		1.00	1.00
	Actual	3.77		1.99		0.95				0.99	1.83		1.18	1.15	1.10	2.00		1.14	0.69
249 of 370	Expected	1.00		4.00		1.00				2.00	2.00		2.00	1.00	1.00	2.00		1.00	
	Actual	1.00		3.89		0.95				1.83	1.88		1.86	1.07	0.99	1.80		0.98	
250 of 370	Expected			4.00	1.00	1.00				3.00	1.00		1.00	1.00	1.00	3.00			1.00
	Actual			3.88	0.56 ^a	0.87				2.71	1.01		1.16	1.16	0.76	3.00			1.12

Table 2 - Amino Acid Analysis

Peptide		Ala (A)	Arg (R)	Asx (N,D)	Cys (C)	Glx (Q,E)	Gly (G)	His (H)	Ile (I)	Leu (L)	Lys (K)	Met (M)	Phe (F)	Pro (P)	Ser (S)	Thr (T)	Trp (W)	Tyr (Y)	Val (V)
251 of 370	Expected	1.00		2.00	1.00	1.00				3.00	1.00		2.00		2.00	2.00		1.00	1.00
	Actual	1.03		2.19	0.57 ^a	1.20				2.73	0.92		2.24		1.98	2.00		1.20	0.99
252 of 370	Expected	1.00		2.00	1.00	1.00				2.00	2.00		2.00		2.00	1.00	1.00	1.00	1.00
	Actual	1.07		2.00	0.58 ^a	1.04				1.79	2.10		1.81		1.81	0.90	0.00 ^c	1.07	0.92
253 of 370	Expected	1.00	1.00	2.00	1.00	3.00				1.00	2.00		1.00		1.00		1.00	1.00	2.00
	Actual	1.00	1.09	1.89	0.47 ^a	2.83				1.00	1.87		1.09		0.99		0.00 ^c	1.07	1.88
254 of 370	Expected		1.00	2.00	1.00	2.00		1.00		1.00	2.00		1.00	1.00		1.00			4.00
	Actual		1.01	1.85	0.48 ^a	1.91		1.02		0.99	1.87		1.11	1.11		1.00			2.50 ^b
255 of 370	Expected	1.00	2.00		1.00	1.00		2.00	1.00		2.00			1.00	1.00	1.00			4.00
	Actual	0.93	1.80		0.53 ^a	0.98		1.88	1.18		1.95			1.22	1.13	1.00			2.70 ^b
256 of 370	Expected	1.00	3.00					2.00	1.00		2.00		1.00	1.00	1.00	3.00			2.00
	Actual	1.00	2.70					2.00	1.01		1.98		1.00	0.98	1.05	2.82			1.87
257 of 370	Expected	2.00	3.00	1.00		2.00			2.00		2.00		1.00		1.00	2.00			1.00
	Actual	1.76	2.84	1.07		2.00			2.05		2.12		0.96		1.00	1.89			0.90
258 of 370	Expected	2.00	1.00	2.00		3.00			2.00		1.00		1.00	1.00		3.00			1.00
	Actual	2.15	0.98	1.94		3.00			1.95		0.94		1.23	1.20		2.76			1.10
259 of 370	Expected	2.00		2.00		2.00	1.00		3.00		2.00			1.00		1.00		2.00	1.00
	Actual	1.79		1.84		1.82	1.03		2.42 ^b		1.85			1.00		1.01		1.87	0.47 ^b
260 of 370	Expected	2.00		2.00		1.00	1.00		2.00		1.00			1.00	1.00	2.00		2.00	2.00
	Actual	2.16		1.85		1.08	1.00		1.43 ^b		0.94			1.17	1.15	1.72		1.74	1.00 ^b
261 of 370	Expected	1.00		3.00		1.00	1.00		2.00	1.00	1.00				2.00	1.00		2.00	2.00
	Actual	1.16		2.93		1.00	1.12		2.29	1.19	1.12				2.14	1.00		1.80	1.94
262 of 370	Expected			4.00		1.00			1.00	1.00			2.00	1.00	4.00	1.00			2.00
	Actual			4.00		0.98			0.94	1.02			1.91	1.19	4.23	0.86			1.84
263 of 370	Expected	1.00		4.00						3.00			2.00	1.00	5.00				1.00
	Actual	1.21		4.00						2.94			1.82	1.02	4.79				0.99
264 of 370	Expected	1.00		2.00		2.00	1.00			2.00	1.00	1.00	2.00	1.00	3.00				1.00
	Actual	1.00		1.78		1.83	1.10			2.18	1.21	0.92	1.99	0.84	2.87				0.80
265 of 370	Expected	1.00	1.00	1.00		3.00	2.00			3.00	1.00	1.00			1.00			1.00	2.00
	Actual	1.09	1.07	1.00		2.81	2.09			2.90	1.13	1.12			1.02			1.00	1.83
266 of 370	Expected		1.00	1.00		2.00	3.00		1.00	3.00	1.00	1.00						1.00	2.00
	Actual		1.19	1.00		1.91	3.13		1.13	2.80	1.08	1.13						1.05	1.77
267 of 370	Expected		2.00	1.00		2.00	2.00		1.00	4.00	1.00			1.00				1.00	2.00
	Actual		2.14	1.00		1.88	2.09		1.15	3.76	1.19			1.10				0.88	1.79
268 of 370	Expected	1.00	1.00	1.00		1.00	1.00		2.00	5.00	1.00			2.00				1.00	1.00
	Actual	1.00	1.23	0.94		0.98	1.06		1.95	4.75	1.04			2.08				1.26	0.94
269 of 370	Expected	2.00	2.00			1.00	1.00		1.00	3.00	2.00			2.00				1.00	1.00
	Actual	1.83	2.12			0.89	1.06		0.98	3.00	1.74			2.04				0.96	0.97
270 of 370	Expected	2.00	3.00				1.00		2.00	2.00	1.00			1.00	1.00			1.00	3.00
	Actual	1.78	2.77				1.03		1.45 ^b	2.00	1.02			1.05	0.93			1.00	1.59 ^b
271 of 370	Expected	1.00	2.00	1.00		2.00	3.00		1.00	0.00	1.00				1.00			1.00	4.00
	Actual	1.12	2.00	0.98		1.91	2.89		0.86 ^b	0.00	0.99				1.10			1.00	2.61 ^b
272 of 370	Expected	1.00	1.00	1.00		3.00	2.00		2.00						1.00	1.00			4.00
	Actual	1.07	1.07	1.00		2.73	2.20		1.70 ^b						1.02	1.05			2.67 ^b
273 of 370	Expected	1.00		1.00	1.00	3.00	2.00		1.00	1.00					2.00	1.00	1.00	1.00	2.00
	Actual	1.00		0.86	0.55 ^a	3.04	1.87		1.06	1.13					2.03	0.75	0.00 ^c	1.29	1.72
274 of 370	Expected	1.00	1.00		1.00	1.00	1.00		1.00	2.00		1.00			4.00	1.00	1.00	1.00	1.00
	Actual	0.96	1.15		0.57 ^a	0.91	1.00		0.91	1.79		1.03			3.85	0.95	0.00 ^c	1.09	0.94
275 of 370	Expected		2.00		1.00				1.00	2.00	2.00	1.00			3.00	1.00	1.00	1.00	2.00
	Actual		2.17		0.47 ^a				1.10	2.26	1.99	1.13			3.00	1.23	0.00 ^c	1.13	2.08

Table 2 - Amino Acid Analysis

Peptide		Ala (A)	Arg (R)	Asx (N,D)	Cys (C)	Glx (Q,E)	Gly (G)	His (H)	Ile (I)	Leu (L)	Lys (K)	Met (M)	Phe (F)	Pro (P)	Ser (S)	Thr (T)	Trp (W)	Tyr (Y)	Val (V)
276 of 370	Expected		1.00			1.00			1.00	2.00	4.00	1.00		1.00	2.00	1.00			3.00
	Actual		0.84			1.06			0.77	1.91	3.91	1.06		1.11	2.00	0.93			2.85
277 of 370	Expected	1.00	2.00			1.00			1.00	2.00	3.00			1.00	1.00	1.00		1.00	3.00
	Actual	1.00	1.76			0.97			0.90	2.05	3.14			1.00	1.00	0.73		1.02	3.10
278 of 370	Expected	1.00	1.00	1.00		2.00			1.00	2.00	3.00				2.00	1.00		1.00	2.00
	Actual	0.99	1.18	0.91		1.78			1.02	1.79	2.93				1.86	1.30		1.00	1.79
279 of 370	Expected	1.00		3.00		2.00	1.00		1.00	2.00	1.00				2.00	1.00		1.00	2.00
	Actual	1.08		2.75		1.88	1.06		1.01	1.77	0.94				1.86	1.00		0.98	1.80
280 of 370	Expected	2.00	1.00	3.00		2.00	1.00		1.00	2.00	1.00					2.00			1.00
	Actual	2.00	1.30	2.82		1.78	1.13		0.96	1.79	0.75					1.81			1.01
281 of 370	Expected	2.00	2.00	2.00	1.00	2.00	1.00		1.00	2.00						1.00	1.00		2.00
	Actual	2.10	2.13	2.00	0.56 ^a	1.84	1.03		0.91	1.87						1.01	0.00 ^c		1.76
282 of 370	Expected	3.00	2.00	2.00	2.00	1.00			1.00	1.00	1.00					1.00	2.00		1.00
	Actual	3.18	2.27	2.00	0.97 ^a	0.97			0.93	1.10	1.00					1.16	0.00 ^c		0.95
283 of 370	Expected	1.00	1.00	5.00	1.00	2.00			1.00		1.00						3.00		2.00
	Actual	1.08	1.17	4.91	0.60 ^a	2.00			1.02		1.04						0.00 ^c		2.00
284 of 370	Expected	2.00		6.00	1.00	1.00				2.00	1.00		1.00				1.00	1.00	1.00
	Actual	2.25		5.87	0.47 ^a	1.05				1.83	0.97		1.05				0.00 ^c	1.00	1.03
285 of 370	Expected	1.00		4.00		2.00				3.00	1.00	1.00	1.00			1.00	1.00	1.00	1.00
	Actual	1.02		3.82		2.00				2.76	0.99	0.97	1.06			1.02	0.00 ^c	0.91	0.99
286 of 370	Expected	1.00	1.00	2.00		3.00				2.00	1.00	1.00	2.00			1.00	1.00	1.00	1.00
	Actual	0.94	1.10	1.85		2.89				1.89	0.92	0.98	1.87			1.00	0.00 ^c	1.00	0.89
287 of 370	Expected		3.00	1.00		2.00	1.00			1.00	2.00	1.00	1.00			1.00	1.00		3.00
	Actual		2.76	1.00		1.72	1.00			0.89	1.78	0.86	1.07			1.07	0.00 ^c		1.77 ^b
288 of 370	Expected		3.00	1.00		2.00	1.00		2.00		1.00		1.00	2.00			1.00		3.00
	Actual		2.87	0.91		1.78	1.06		1.94		0.85		1.05	2.00			0.00 ^c		1.73 ^b
289 of 370	Expected	1.00	1.00	1.00	1.00	2.00	1.00		3.00	2.00	1.00			2.00					2.00
	Actual	0.93	1.11	0.89	0.59 ^a	1.80	1.08		2.84	1.96	0.80			2.00					0.92 ^b
290 of 370	Expected	1.00		2.00	1.00	2.00	1.00		3.00	4.00				1.00				1.00	1.00
	Actual	0.77		1.74	0.55 ^a	1.83	1.11		2.78	3.75				1.00				1.05	0.97
291 of 370	Expected	1.00		1.00	1.00	1.00	1.00		1.00	5.00	1.00				1.00			2.00	2.00
	Actual	0.78		0.96	0.48 ^a	1.10	1.14		0.75	4.97	0.81				1.04			2.00	1.81
292 of 370	Expected	1.00	2.00	2.00		2.00	1.00			2.00	1.00	1.00			1.00			2.00	2.00
	Actual	0.91	2.00	1.77		1.88	1.02			1.77	0.77	1.12			1.03			1.83	1.70
293 of 370	Expected	2.00	2.00	1.00		3.00	1.00			1.00	2.00	1.00			2.00			1.00	1.00
	Actual	2.00	2.09	0.94		2.70	1.17			0.74	1.82	1.07			1.96			1.15	0.70
294 of 370	Expected	3.00	2.00	2.00		2.00	1.00				1.00	1.00			1.00			3.00	
	Actual	2.90	2.00	1.85		1.87	1.03				0.90	1.05			1.06			3.00	
295 of 370	Expected	2.00	1.00	2.00	1.00	2.00	1.00				1.00				1.00	1.00		4.00	1.00
	Actual	2.00	1.13	1.90	0.83 ^a	1.86	1.14				0.89				0.99	1.03		3.78	0.89
296 of 370	Expected	1.00	1.00	2.00	1.00	4.00				1.00	1.00					2.00		3.00	1.00
	Actual	1.00	1.04	1.71	0.72 ^a	3.86				0.99	0.79					1.77		2.85	0.83
297 of 370	Expected		2.00	2.00	1.00	4.00	1.00			2.00						2.00		2.00	1.00
	Actual		2.04	1.92	0.85 ^a	3.75	1.19			2.19						2.00		2.10	0.88
298 of 370	Expected		2.00	3.00		3.00	1.00			2.00			2.00			2.00		1.00	1.00
	Actual		1.79	2.99		2.83	1.03			1.73			2.04			1.75		1.10	1.00
299 of 370	Expected	1.00	2.00	3.00	1.00	1.00	2.00			2.00			2.00			1.00		1.00	1.00
	Actual	1.00	1.90	2.70	0.54 ^a	0.95	1.95			2.04			2.02			0.92		0.99	1.06
300 of 370	Expected	1.00	1.00	3.00	1.00	1.00	1.00		1.00	2.00			3.00			1.00	1.00		1.00
	Actual	1.16	1.00	3.04	0.50 ^a	1.00	1.03		0.89	1.95			2.90			0.81	0.00 ^c		0.84

Table 2 - Amino Acid Analysis

Peptide		Ala (A)	Arg (R)	Asx (N,D)	Cys (C)	Glx (Q,E)	Gly (G)	His (H)	Ile (I)	Leu (L)	Lys (K)	Met (M)	Phe (F)	Pro (P)	Ser (S)	Thr (T)	Trp (W)	Tyr (Y)	Val (V)
301 of 370	Expected	1.00	1.00	2.00	1.00	2.00			2.00	3.00	2.00		1.00				1.00	1.00	
	Actual	1.07	1.06	1.99	0.49 ^a	2.00			1.77	2.88	1.78		0.81				0.00 ^c	0.95	
302 of 370	Expected			1.00		3.00			3.00	2.00	2.00		1.00		1.00	2.00	1.00	1.00	
	Actual			1.07		2.81			2.79	1.76	1.93		0.72		0.96	2.00	0.00 ^c	0.95	
303 of 370	Expected		1.00			3.00		1.00	2.00	2.00	3.00				1.00	2.00		1.00	1.00
	Actual		1.15			2.79		1.00	1.77	1.79	2.84				0.95	1.88		1.14	0.81
304 of 370	Expected		1.00			4.00		1.00	1.00	3.00	1.00	2.00			1.00	2.00			1.00
	Actual		1.21			3.81		1.02	1.06	2.79	1.04	2.00			1.00	1.96			0.73
305 of 370	Expected		1.00			5.00		1.00		3.00	1.00	2.00				2.00			2.00
	Actual		1.08			5.24		1.01		2.73	0.98	2.11				2.00			1.78
306 of 370	Expected		2.00		1.00	4.00	1.00			3.00	1.00	3.00					1.00		1.00
	Actual		2.00		0.51 ^a	3.83	1.09			2.90	0.88	2.76					1.03		1.00
307 of 370	Expected		2.00		1.00	4.00	1.00			2.00	1.00	1.00	1.00				2.00		2.00
	Actual		2.00		0.57 ^a	3.84	1.06			1.86	0.97	1.03	1.03				1.87		1.83
308 of 370	Expected		3.00		1.00	2.00	1.00	1.00		1.00	1.00	1.00	1.00		2.00	2.00			1.00
	Actual		2.79		0.47 ^a	1.98	1.06	1.13		1.02	0.95	0.97	0.97		1.88	1.87			1.00
309 of 370	Expected		1.00			3.00		1.00		2.00	2.00		1.00		2.00	3.00			2.00
	Actual		1.18			2.97		1.18		1.85	1.70		1.09		2.00	2.77			1.86
310 of 370	Expected		1.00			2.00	2.00	1.00		2.00	1.00		2.00		2.00	2.00	1.00		1.00
	Actual		0.87			1.73	2.00	0.84		1.85	0.90		2.11		1.92	1.75	0.00 ^c		1.00
311 of 370	Expected			1.00		2.00	2.00			1.00	2.00		2.00	1.00	1.00	1.00	1.00	1.00	1.00
	Actual			0.93		1.79	2.08			0.96	1.91		1.75	1.10	0.94	1.02	0.00 ^c		1.00
312 of 370	Expected			1.00	1.00	2.00	2.00		1.00		1.00		2.00	2.00	1.00	1.00	1.00	1.00	2.00
	Actual			1.03	0.47 ^a	1.95	2.00		0.48 ^b		1.03		1.72	2.05	0.95	0.97	0.00 ^c		1.43 ^b
313 of 370	Expected	1.00	1.00	1.00	2.00		1.00	1.00	1.00	1.00	2.00		1.00	2.00				1.00	2.00
	Actual	1.00	1.08	0.91	0.96 ^a		1.00	1.08	0.47 ^b	1.00	1.71		0.92	1.89			0.00 ^c		1.54 ^b
314 of 370	Expected	1.00	2.00		2.00		1.00	1.00	1.00	2.00	2.00		1.00	1.00		2.00			1.00
	Actual	0.97	1.94		0.93 ^a		1.02	1.06	0.49 ^p	1.74	2.05		0.99	1.00		1.83			0.43 ^b
315 of 370	Expected	2.00	2.00	1.00	1.00	2.00	1.00	1.00	1.00	2.00	2.00						2.00		
	Actual	2.00	2.09	0.88	0.52 ^a	1.88	1.12	1.01	1.00	1.95	1.80						1.91		
316 of 370	Expected	1.00	1.00	2.00		3.00	1.00		2.00	1.00	2.00	1.00	1.00				1.00		1.00
	Actual	1.00	1.11	1.88		2.77	1.00		1.81	0.99	1.72	0.89	0.97				0.95		0.88
317 of 370	Expected	3.00	1.00	3.00		2.00	1.00		2.00		1.00	1.00	2.00						1.00
	Actual	2.85	1.05	2.74		1.76	1.00		1.91		0.87	0.91	1.82						0.98
318 of 370	Expected	3.00	1.00	3.00		2.00	1.00		2.00			3.00	1.00						1.00
	Actual	2.93	1.31	3.00		1.98	1.12		2.11			2.73	1.08						0.90
319 of 370	Expected	2.00	2.00	2.00		2.00	1.00		1.00	1.00		2.00	2.00	1.00	1.00				
	Actual	1.86	1.93	2.00		2.05	1.00		1.04	1.11		1.79	1.98	1.07	0.96				
320 of 370	Expected	3.00	1.00	1.00		2.00		2.00		2.00		2.00	1.00	1.00	1.00				1.00
	Actual	2.71	1.17	0.96		1.91		2.00		1.85		1.84	0.99	1.07	0.95				0.98
321 of 370	Expected	2.00	3.00	1.00				2.00		3.00			1.00	1.00	1.00	1.00		1.00	1.00
	Actual	1.97	2.95	1.03				2.00		2.95			0.96	1.10	1.01	0.95		0.97	0.78
322 of 370	Expected	4.00	2.00	1.00		2.00		2.00		1.00						1.00		2.00	2.00
	Actual	3.74	1.80	1.08		1.86		2.00		0.97					0.89		2.21	2.10	
323 of 370	Expected	2.00	2.00	2.00		2.00	1.00			1.00			1.00				1.00	1.00	4.00
	Actual	2.00	1.78	2.13		1.77	0.99			0.88			1.01				0.00 ^c	1.04	3.93
324 of 370	Expected	3.00		1.00		4.00	1.00	1.00					1.00			1.00	1.00	1.00	3.00
	Actual	2.94		1.08		3.82	0.88	1.13					1.04			1.00	0.00 ^c	1.06	2.81
325 of 370	Expected	1.00		2.00		2.00	1.00	1.00	1.00	1.00	1.00		2.00			1.00	1.00		2.00
	Actual	1.04		1.95		2.20	0.92	1.07	0.93	1.04	0.93		1.79			1.00	0.00 ^c		1.97

Table 2 - Amino Acid Analysis

Peptide		Ala (A)	Arg (R)	Asx (N,D)	Cys (C)	Glx (Q,E)	Gly (G)	His (H)	Ile (I)	Leu (L)	Lys (K)	Met (M)	Phe (F)	Pro (P)	Ser (S)	Thr (T)	Trp (W)	Tyr (Y)	Val (V)
326 of 370	Expected	1.00		1.00		2.00	1.00	1.00	3.00	1.00	1.00		2.00	1.00	2.00	1.00			
	Actual	0.99		0.96		1.79	1.03	1.00	1.68 ^b	1.02	0.93	0.00	1.72	1.09	1.83	0.94			
327 of 370	Expected			2.00		1.00	1.00		3.00	3.00	1.00	1.00	2.00	1.00	2.00				
	Actual			2.08		1.09	1.00		1.70 ^b	2.75	0.97	0.73	1.79	1.02	1.84				
328 of 370	Expected	2.00		1.00		1.00	2.00		2.00	3.00	1.00	1.00	1.00	1.00	2.00				
	Actual	2.00		1.02		1.07	1.95		0.89 ^b	2.92	0.89	0.84	1.05	1.09	1.91				
329 of 370	Expected	4.00		1.00		1.00	1.00		1.00	2.00	1.00	1.00	1.00	3.00				1.00	
	Actual	3.79		1.05		1.07	1.00		0.96	2.00	0.97	0.93	0.99	2.96				0.98	
330 of 370	Expected	4.00		1.00			1.00		2.00	2.00	1.00	1.00		3.00	1.00			1.00	
	Actual	3.89		0.96			1.13		1.83	2.05	0.88	1.05		3.00	1.05			1.25	
331 of 370	Expected	3.00		2.00					2.00	1.00	2.00	1.00		2.00	2.00			1.00	1.00
	Actual	3.00		2.00					1.94	1.12	1.73	1.12		2.20	2.08			1.12	1.09
332 of 370	Expected	1.00		3.00		1.00			2.00	2.00	2.00	2.00	2.00		1.00				1.00
	Actual	1.00		2.74		1.07			1.72	1.87	1.71	1.83	1.83		1.00				1.05
333 of 370	Expected	1.00		3.00		1.00			1.00	4.00	1.00	1.00	2.00		1.00				2.00
	Actual	1.00		2.79		0.97			0.94	3.88	0.90	0.86	1.74		1.00				2.02
334 of 370	Expected	1.00	1.00	4.00		1.00				4.00		1.00	2.00	1.00					2.00
	Actual	0.90	0.96	4.13		0.87				3.70		0.85	1.75	1.00					1.88
335 of 370	Expected	1.00	1.00	4.00		2.00	1.00		1.00	4.00				1.00					2.00
	Actual	1.00	1.19	3.81		1.83	1.16		0.89	3.84				1.09					1.88
336 of 370	Expected		1.00	3.00		3.00	2.00		1.00	2.00					1.00	1.00		1.00	1.00
	Actual		0.95	2.83		2.91	2.13		0.93	1.80					0.94	1.00		1.11	0.85
337 of 370	Expected			1.00		3.00	2.00		2.00	1.00					3.00	3.00		1.00	1.00
	Actual			0.97		2.71	2.13		1.87	1.12					2.76	2.76		1.00	1.21
338 of 370	Expected		1.00			2.00	1.00		1.00						5.00	3.00	1.00	1.00	1.00
	Actual		1.14			1.86	1.00		1.09						4.75	2.75	0.00 ^c	1.12	1.08
339 of 370	Expected		1.00			3.00			1.00	1.00					6.00	2.00	1.00		2.00
	Actual		1.00			2.90			0.89	1.09					5.87	1.75	0.00 ^c		2.03
340 of 370	Expected	1.00	1.00	3.00		3.00			1.00	1.00		1.00			4.00		1.00		1.00
	Actual	1.00	1.07	2.97		2.71			1.01	1.01		0.90			3.77		0.00 ^c		0.95
341 of 370	Expected	1.00		5.00		5.00			1.00	1.00		1.00			2.00				1.00
	Actual	1.09		4.95		4.90			0.99	1.08		0.87			1.79				1.00
342 of 370	Expected	2.00		6.00		3.00			2.00	1.00		1.00	1.00			1.00			
	Actual	2.00		5.85		3.10			1.75	1.15		0.79	1.06			0.81			
343 of 370	Expected	1.00		5.00		5.00			2.00	1.00			2.00			1.00			
	Actual	1.00		5.00		5.03			1.85	1.15			1.87			0.73			
344 of 370	Expected	1.00		6.00		3.00			3.00	2.00			1.00			1.00			
	Actual	0.80		6.00		2.99			2.87	2.00			0.89			0.80			
345 of 370	Expected			4.00		5.00		1.00	3.00	2.00					2.00				
	Actual			3.93		5.00		1.22	2.75	2.10			2.00						
346 of 370	Expected	1.00		4.00		4.00		1.00	1.00	2.00			1.00		1.00	1.00		1.00	
	Actual	1.04		4.00		3.73		0.89	0.72	2.08			0.75		0.98	0.96		1.04	
347 of 370	Expected	1.00		2.00		3.00	1.00	1.00	2.00	2.00			1.00		1.00	2.00		1.00	
	Actual	1.04		2.00		2.73	1.02	0.92	1.91	2.07			0.83		0.95	1.75		1.06	
348 of 370	Expected	1.00		2.00		5.00	1.00		1.00	1.00					1.00	3.00		1.00	1.00
	Actual	0.96		2.00		4.73	0.99		0.93	1.10					0.84	2.72		0.93	0.92
349 of 370	Expected		2.00	1.00		4.00	2.00		2.00	1.00	1.00					2.00			2.00
	Actual		2.00	0.92		3.87	2.00		1.88	1.04	0.98					1.76			2.14
350 of 370	Expected		3.00			4.00	1.00		1.00	1.00	1.00					2.00			4.00
	Actual		3.00			4.05	1.09		0.94	1.06	0.94					1.93			3.83

Table 2 - Amino Acid Analysis

Peptide		Ala (A)	Arg (R)	Asx (N,D)	Cys (C)	Glx (Q,E)	Gly (G)	His (H)	Ile (I)	Leu (L)	Lys (K)	Met (M)	Phe (F)	Pro (P)	Ser (S)	Thr (T)	Trp (W)	Tyr (Y)	Val (V)
351 of 370	Expected		3.00			1.00	1.00		2.00	2.00	3.00			1.00		1.00			3.00
	Actual		2.76			1.00	1.02		1.80	1.81	2.98			1.13		1.09			2.81
352 of 370	Expected		1.00			1.00	1.00		1.00	2.00	3.00			1.00	2.00	1.00	1.00		3.00
	Actual		0.81			0.98	0.99		0.93	1.87	2.94			1.19	1.84	1.00	0.00 ^c		2.89
353 of 370	Expected	1.00		1.00			1.00		2.00	2.00	4.00				2.00		1.00		3.00
	Actual	1.08		1.10			1.00		1.79	1.98	3.82				1.85		0.00 ^c		2.81
354 of 370	Expected	1.00		2.00			2.00		3.00	1.00	2.00			1.00	1.00		1.00	1.00	2.00
	Actual	0.92	0.00	1.90			2.00		2.81	1.02	2.10			1.15	0.82		0.00 ^c	1.06	1.96
355 of 370	Expected	2.00	1.00	2.00			1.00		3.00	1.00	1.00	1.00		1.00				2.00	2.00
	Actual	1.88	1.17	1.97			0.98		2.10 ^b	1.02	0.89	0.89		1.00				2.00	1.46 ^b
356 of 370	Expected	1.00	1.00	3.00			1.00		2.00	1.00	1.00	2.00		1.00	1.00			2.00	1.00
	Actual	1.08	1.09	2.73			1.00		1.41 ^b	1.09	0.89	1.88		1.17	0.88			1.81	0.63 ^b
357 of 370	Expected	1.00	1.00	2.00					1.00	2.00	2.00	2.00	1.00	1.00	2.00			2.00	
	Actual	1.00	1.16	2.06					0.97	1.94	1.88	1.87	0.92	1.04	1.83			1.77	
358 of 370	Expected	1.00		3.00					1.00	3.00	2.00		1.00	2.00	2.00			2.00	
	Actual	1.10		2.92					1.05	3.00	1.73		0.98	2.13	1.82			1.91	
359 of 370	Expected	1.00		2.00		2.00			1.00	4.00	1.00		1.00	2.00	1.00	1.00		1.00	
	Actual	1.00		2.01		2.09			0.93	3.83	0.96		0.92	2.00	0.91	0.89		0.74	
360 of 370	Expected			2.00		2.00	1.00			3.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	2.00
	Actual			1.80		1.86	1.00			2.80	0.77		1.03	1.05	0.90	0.91	0.00 ^c	1.12	1.04 ^b
361 of 370	Expected			2.00		3.00	2.00			1.00	1.00		1.00		1.00	2.00	1.00	1.00	3.00
	Actual			1.93		2.93	2.12			1.10	0.90		1.00		1.01	1.89	0.00 ^c		1.84 ^b
362 of 370	Expected		1.00	3.00		2.00	2.00			1.00	1.00		1.00			1.00	1.00		4.00
	Actual		0.97	2.94		2.16	1.97			1.00	0.96		0.93			0.77	0.00 ^c		2.72 ^b
363 of 370	Expected	1.00	2.00	5.00		3.00	1.00			1.00			1.00			1.00			2.00
	Actual	1.00	1.78	4.79		2.87	1.09			0.99			0.88			0.80			1.77
364 of 370	Expected	1.00	3.00	4.00		3.00				2.00	1.00		1.00						2.00
	Actual	1.00	3.06	4.08		3.08				1.74	0.97		0.92						1.83
365 of 370	Expected	1.00	2.00	4.00		3.00			2.00	2.00	1.00			1.00					1.00
	Actual	1.12	1.72	3.93		3.18			1.88	1.77	1.00			1.07					0.91
366 of 370	Expected		1.00	3.00		2.00			2.00	3.00	1.00		1.00	2.00	1.00				1.00
	Actual		0.90	3.00		2.09			1.90	2.70	0.87		1.15	2.07	1.03				0.98
367 of 370	Expected		1.00	3.00		1.00		1.00	1.00	3.00			2.00	2.00	2.00				1.00
	Actual		1.04	2.87		1.02		0.93	0.85	2.84			1.74	2.00	1.82				0.95
368 of 370	Expected		2.00	2.00				1.00		4.00	1.00		2.00	1.00	2.00				2.00
	Actual		2.00	1.86				1.07		3.95	1.06		1.96	0.87	1.98				2.04
369 of 370	Expected		2.00	2.00				2.00		3.00	1.00		2.00	2.00					3.00
	Actual		2.00	1.80				1.92		2.86	0.97		1.84	2.06					2.75
370 of 370	Expected		1.00	1.00				1.00		3.00	1.00		2.00	2.00	2.00			1.00	1.00
	Actual		1.03	0.90				1.10		2.85	0.85		2.01	2.00	2.00			1.08	1.00

^aCys was partially destroyed during hydrolysis

^bVal-Ile, Val-Val, Ile-Ile and/or Ile-Val bonds were only partially destroyed during hydrolysis

^cTrp was completely destroyed during hydrolysis

Date: 23 AUG 2007

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