

Probiotics and Antimicrobial Proteins

***In vitro and in silico characterization of N-formylated two-peptide bacteriocin from
Enterococcus faecalis CAUM157 with anti-listeria activity***

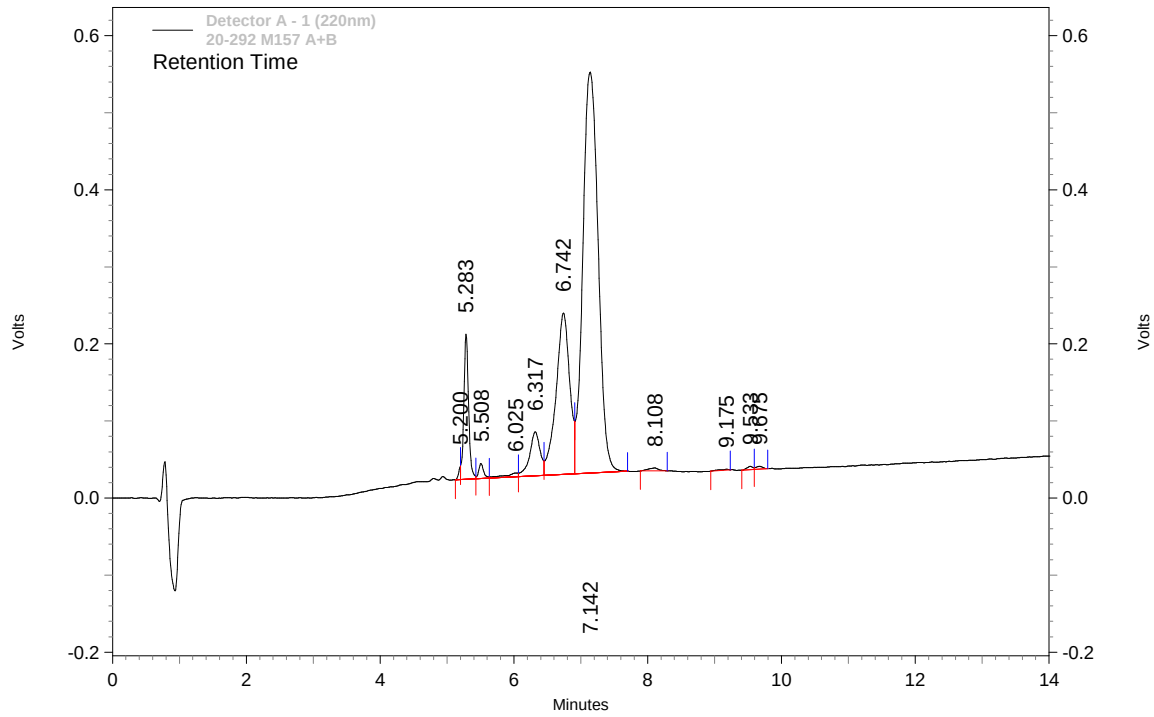
Supplementary Data

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Method Name: D:\Anal-5 Data & Method\Methods\ss520.met
Data Name: D:\Anal-5 Data & Method\Data\2021년 - Anal5\20-292 M157 A+B
User: System
Acquired: 2021-06-30 오후 3:10:25
Printed: 2024-02-08 오전 9:40:41


Detector A - 1 (220nm)

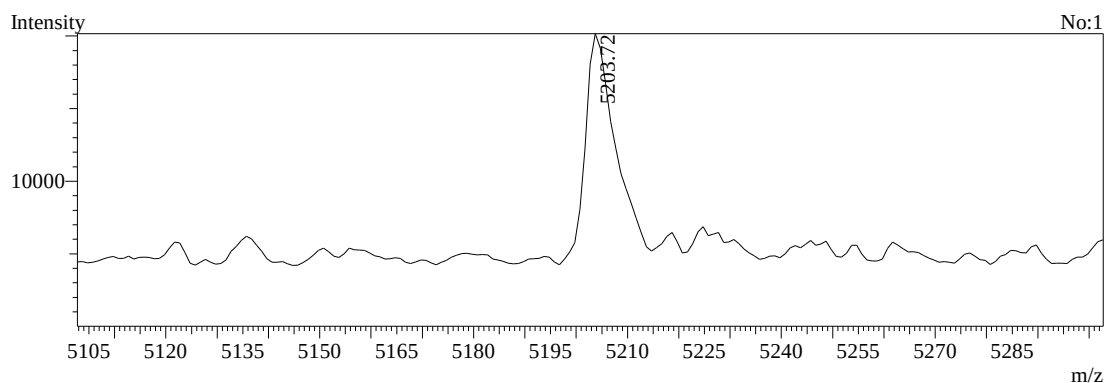
Pk #	Retention Time	Area	Area %	Height	Height %
1	5.200	31088	0.237	17807	1.729
2	5.283	930494	7.080	188303	18.281
3	5.508	99988	0.761	19605	1.903
4	6.025	68101	0.518	5036	0.489
5	6.317	624555	4.752	57034	5.537
6	6.742	2984226	22.706	209205	20.311
7	7.142	8299424	63.148	520226	50.506
8	8.108	41458	0.315	3900	0.379
9	9.175	9659	0.073	894	0.087
10	9.533	26723	0.203	4337	0.421
11	9.675	27122	0.206	3683	0.358

Totals		13142838	100.000	1030030	100.000
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=== PEPTRON MS Data Report ===

Date Acquired : 2021-06-30 오후 4:57:21
Vial# : 34
Injection Volume : 3
Method File : PP-2000.lcm
Data File : 20-292-A+B.lcd
Date Processed : 2021-06-30 오후 4:58:41
Processed by : System Administrator

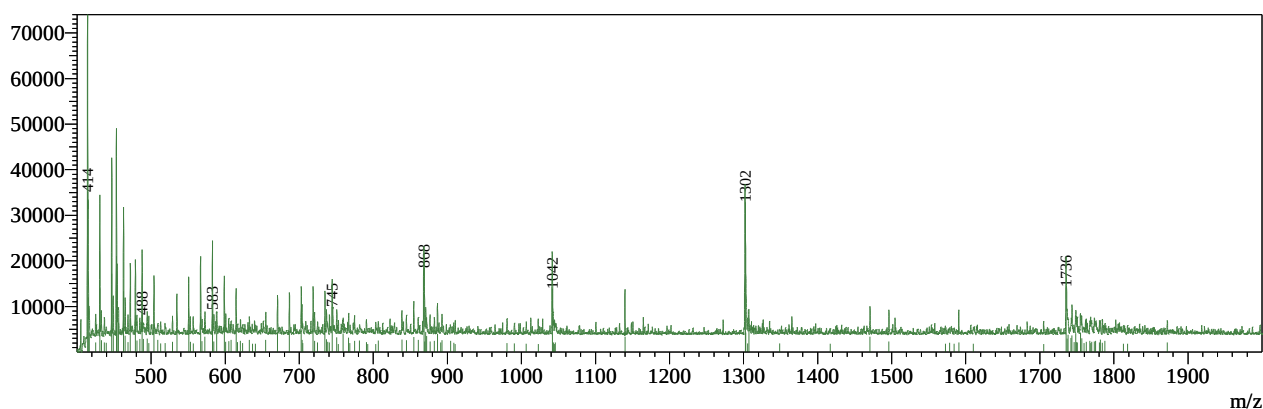
Sample Information



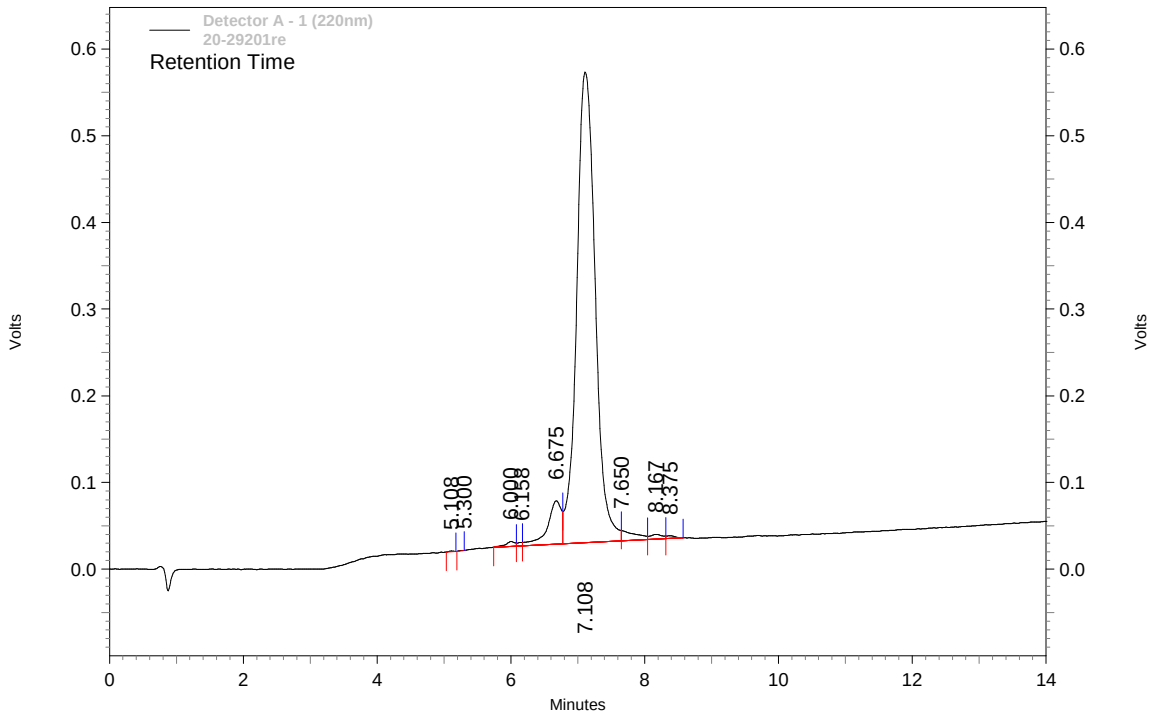
No.	Name	R.Mass
1	20-292-A+B	5203.72

MS Spectrum

Line#:1 R.Time:0.516(Scan#:32)
MassPeaks:139
Spectrum Mode:Single 0.516(32) Base Peak:414(35093)
BG Mode:None Segment 1 - Event 2



Method Name: D:\Anal-5 Data & Method\Methods\ss520.met
Data Name: D:\Anal-5 Data & Method\Data\2021년 - Anal5\20-29201re
User: System
Acquired: 2021-06-30 오후 12:23:56
Printed: 2024-02-08 오전 10:57:14


Detector A - 1 (220nm)

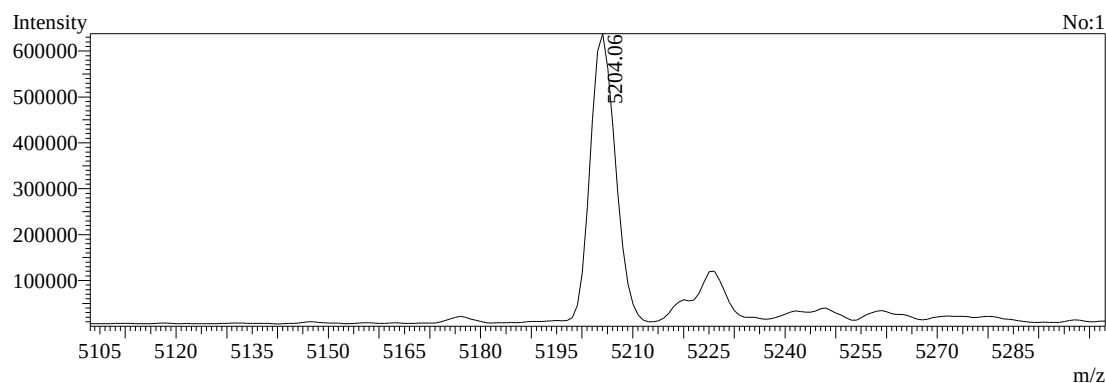
Pk #	Retention Time	Area	Area %	Height	Height %
1	5.108	3505	0.030	779	0.125
2	5.300	1273	0.011	0	0.000
3	6.000	53551	0.465	5523	0.887
4	6.158	20589	0.179	3991	0.641
5	6.675	712305	6.182	49781	7.993
6	7.108	10470147	90.862	542622	87.122
7	7.650	170100	1.476	11940	1.917
8	8.167	67263	0.584	5287	0.849
9	8.375	24362	0.211	2910	0.467

Totals		11523095	100.000	622833	100.000
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=== PEPTRON MS Data Report ===

Date Acquired : 2021-06-30 오후 3:53:59
Vial# : 71
Injection Volume : 3
Method File : PP-2000-R30.lcm
Data File : 20-29201.lcd
Date Processed : 2021-06-30 오후 3:55:19
Processed by : System Administrator

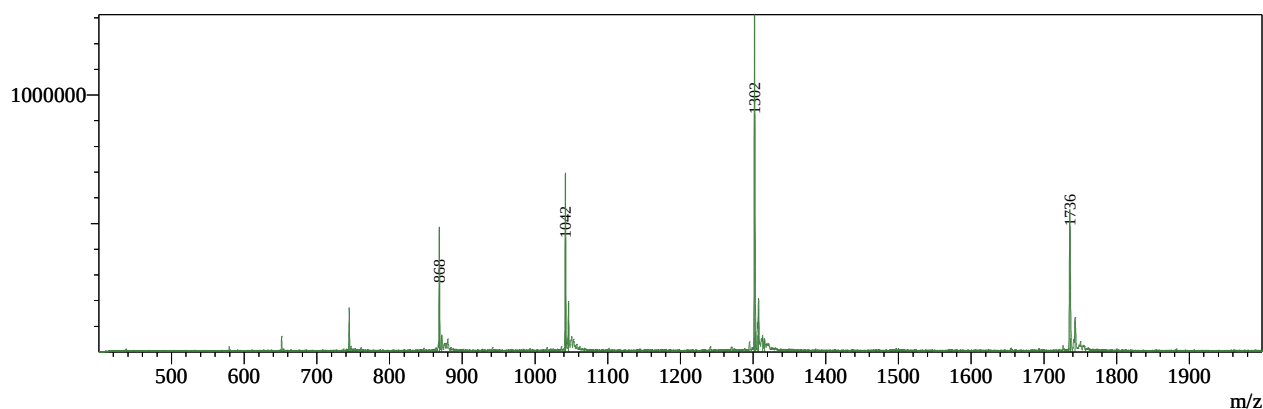
Sample Information



No.	Name	R.Mass
1	20-29201	5204.06

MS Spectrum

Line#:1 R.Time:0.550(Scan#:34)
MassPeaks:15
Spectrum Mode:Single 0.550(34) Base Peak:1302(926688)
BG Mode:None Segment 1 - Event 2



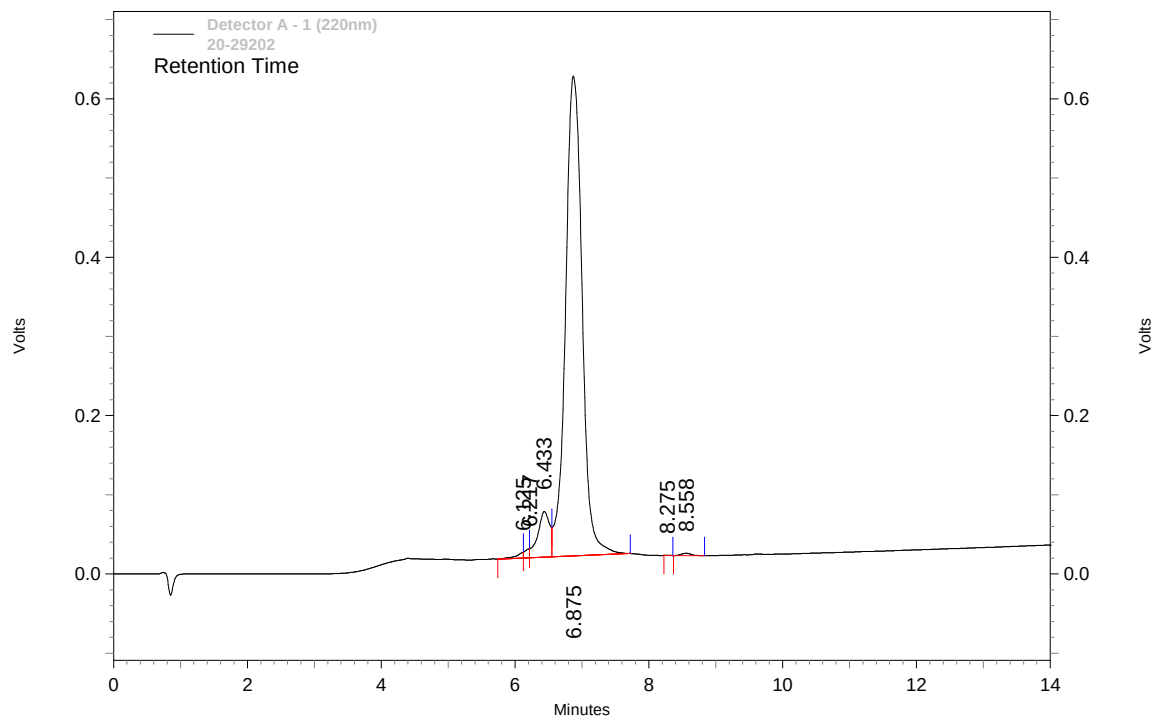
Method Name: D:\Anal-1 Data & Method\Methods\ss520.met

Data Name: D:\Anal-1 Data & Method\Data\2021\20-29202

User: System

Acquired: 2021-06-30 오후 12:23:16

Printed: 2024-02-08 오전 9:46:31



Detector A - 1 (220nm)

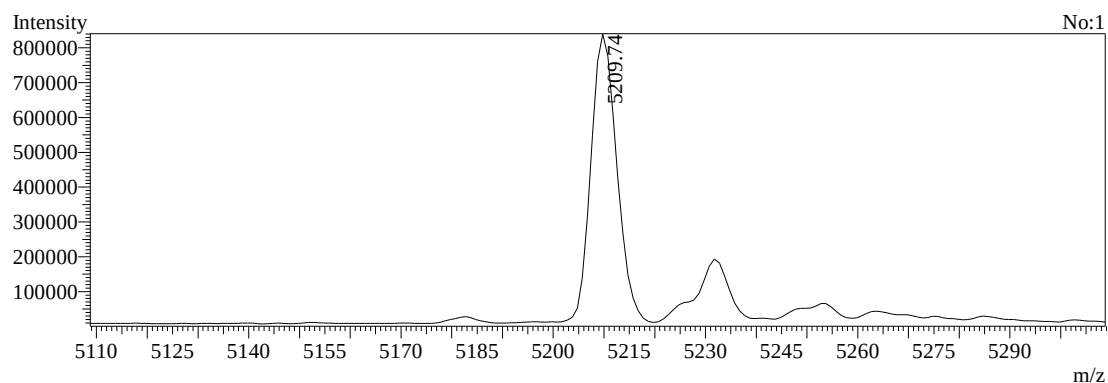
Pk #	Retention Time	Area	Area %	Height	Height %
1	6.125	52197	0.462	7388	1.078
2	6.217	52554	0.465	11385	1.661
3	6.433	712158	6.298	57461	8.384
4	6.875	10459329	92.492	605759	88.384
5	8.275	1598	0.014	364	0.053
6	8.558	30469	0.269	3017	0.440

Totals		11308305	100.000	685374	100.000
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=== PEPTRON MS Data Report ===

Date Acquired : 2021-06-30 오후 3:55:49
Vial# : 72
Injection Volume : 3
Method File : PP-2000.lcm
Data File : 20-29202.lcd
Date Processed : 2021-06-30 오후 3:57:09
Processed by : System Administrator

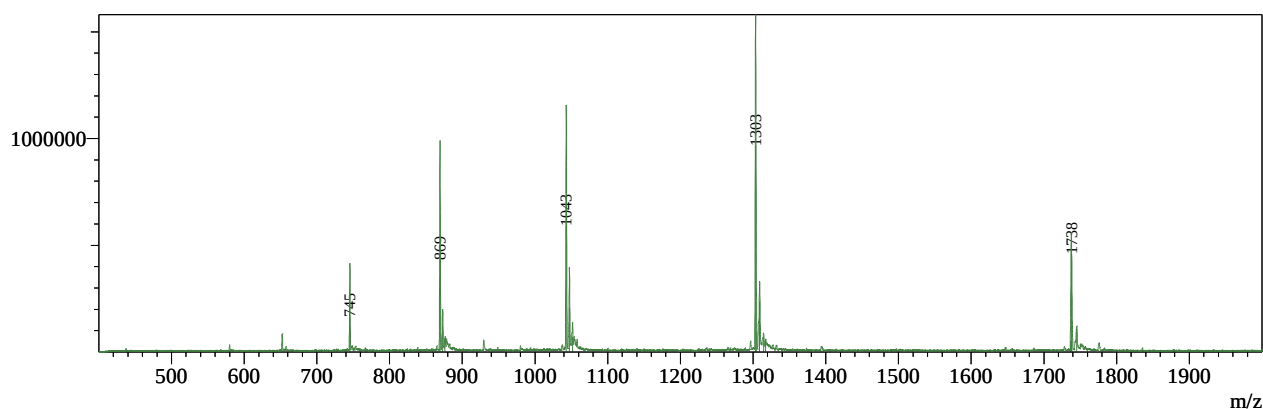
Sample Information



No.	Name	R.Mass
1	20-29202	5209.74

MS Spectrum

Line#:1 R.Time:0.550(Scan#:34)
MassPeaks:16
Spectrum Mode:Single 0.550(34) Base Peak:1303(967351)
BG Mode:None Segment 1 - Event 2



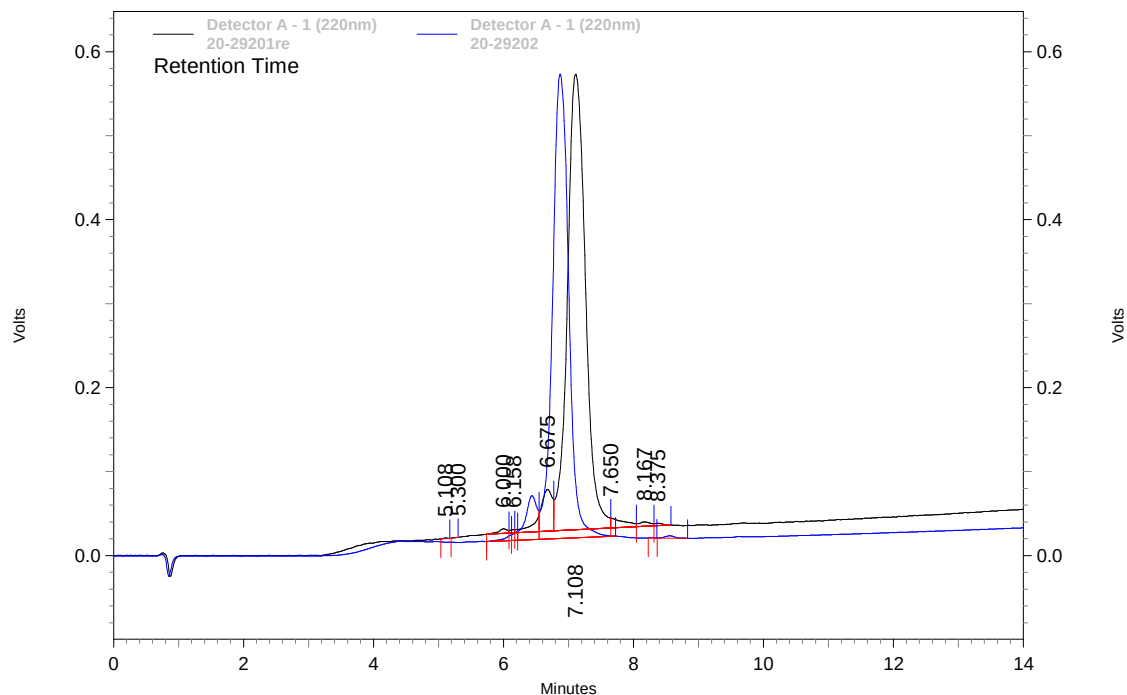
Method Name: D:\Anal-1 Data & Method\Methods\ss520.met

Data Name: E:\HPLC DATA\20-29201re

User: System

Acquired: 2021-06-30 오후 12:23:56

Printed: 2024-02-08 오전 9:48:52



Detector A - 1 (220nm)

Pk #	Retention Time	Area	Area %	Height	Height %
1	5.108	3505	0.030	779	0.125
2	5.300	1273	0.011	0	0.000
3	6.000	53551	0.465	5523	0.887
4	6.158	20589	0.179	3991	0.641
5	6.675	712305	6.182	49781	7.993
6	7.108	10470147	90.862	542622	87.122
7	7.650	170100	1.476	11940	1.917
8	8.167	67263	0.584	5287	0.849
9	8.375	24362	0.211	2910	0.467

Totals		11523095	100.000	622833	100.000
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