

AAFCO Check Sample Program

Methods Report

Sort by Method

Proficiency For Individual Methods

Sample # 201121

Pig Grower Pellet, Medicated



AAFCO

Association of American Feed Control Officials

Method Code	Total # Labs Submitting	# Labs Included in Calculations	Mean	SD	Assigned Value - Robust Mean	AAFCO CS ffp - Robust sd	Uncertainty (U)	% RSD	Between Labs sL	Within Labs sr	Reproducibility sR	Between Labs %RSD	Within Labs %rsd	Reproducibility %RSD	sR/sr	Average Range (R-bar)
000.01	1		0.40000													
001.00	10	7	10.160	0.37617	10.160	0.42657	0.11401	4.20%	0.37449	0.05011	0.37783	3.69%	0.49%	3.72%	7.5393	0.05129
001.03	9	8	10.524	0.19643	10.531	0.20695	0.05174	1.97%	0.19399	0.04359	0.19883	1.84%	0.41%	1.89%	4.5615	0.04250
001.07	38	37	10.443	0.39830	10.483	0.24591	0.02859	2.35%	0.38959	0.11713	0.40682	3.73%	1.12%	3.90%	3.4733	0.10171
001.08	1		10.360													
001.99	19	17	10.201	1.0442	10.425	0.42542	0.07296	4.08%	1.0414	0.10792	1.0470	10.21%	1.06%	10.26%	9.7017	0.09562
002.00	6	6	16.989	0.51472	16.989	0.58369	0.16850	3.44%	0.45424	0.34233	0.56880	2.67%	2.02%	3.35%	1.6615	0.34167
002.01	11	11	16.656	0.17839	16.648	0.18391	0.03921	1.10%	0.17046	0.07439	0.18598	1.02%	0.45%	1.12%	2.5001	0.07620
002.02	8	8	16.761	0.36159	16.758	0.40442	0.10111	2.41%	0.34879	0.13487	0.37395	2.08%	0.80%	2.23%	2.7728	0.14561
002.03	1		16.585													
002.04	6	6	16.822	0.37734	16.822	0.42791	0.12353	2.54%	0.35194	0.19248	0.40114	2.09%	1.14%	2.38%	2.0840	0.19333
002.05	32	31	16.685	0.17848	16.682	0.16761	0.02129	1.00%	0.16669	0.09022	0.18954	1.00%	0.54%	1.14%	2.1008	0.07802
002.06	206	135	16.847	0.31251	16.846	0.26149	0.01591	1.55%	0.29620	0.14089	0.32800	1.76%	0.84%	1.95%	2.3281	0.13670
002.08	1		16.345													
002.10	8	7	16.721	0.54790	16.661	0.40954	0.10945	2.46%	0.53346	0.17674	0.56198	3.19%	1.06%	3.36%	3.1797	0.18487
002.11	10	10	16.928	0.64287	16.918	0.59002	0.13193	3.49%	0.64052	0.07772	0.64521	3.78%	0.46%	3.81%	8.3021	0.07800
002.99	3	3	16.952	0.50190	16.952	0.50190	0.20490	2.96%	0.49887	0.07800	0.50493	2.94%	0.46%	2.98%	6.4738	0.09667
003.00	25	24	3.3675	0.41724	3.4643	0.17737	0.02560	5.12%	0.41599	0.04576	0.41850	12.35%	1.36%	12.43%	9.1450	0.04672
003.01	2	2	1.7725	1.6794												
003.06	18	17	3.1809	0.40661	3.2790	0.12220	0.02096	3.73%	0.40352	0.07081	0.40968	12.69%	2.23%	12.88%	5.7853	0.06294
003.09	24	23	3.3966	0.13706	3.3923	0.14703	0.02168	4.33%	0.12667	0.07404	0.14672	3.73%	2.18%	4.32%	1.9816	0.06372
003.10	34	33	3.2216	0.20331	3.2444	0.17331	0.02133	5.34%	0.18864	0.10727	0.21700	5.86%	3.33%	6.74%	2.0230	0.09283
003.11	10	9	3.2839	0.36220	3.3235	0.19133	0.04510	5.76%	0.36201	0.01647	0.36239	11.02%	0.50%	11.04%	22.007	0.01913
003.12	15	15	3.2884	0.39567	3.3207	0.09965	0.01819	3.00%	0.39365	0.05639	0.39767	11.97%	1.71%	12.09%	7.0518	0.06120
003.13	5	5	3.2742	0.18043	3.2742	0.18043	0.05706	5.51%	0.16126	0.11443	0.19774	4.93%	3.49%	6.04%	1.7281	0.10720
003.14	23	23	3.1314	0.32019	3.1307	0.26385	0.03890	8.43%	0.30964	0.11525	0.33040	9.89%	3.68%	10.55%	2.8669	0.12686
003.99	10	9	3.0656	0.58486	3.1880	0.37581	0.08858	11.79%	0.57442	0.15563	0.59513	18.74%	5.08%	19.41%	3.8239	0.15778

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004.00	26	25	3.6232	0.37970	3.6357	0.32523	0.04599	8.95%	0.37697	0.06425	0.38240	10.40%	1.77%	10.55%	5.9519	0.06640
004.01	2	2	4.7050	0.14849												
004.03	1		3.8972													
004.06	41	40	3.7916	0.52985	3.7458	0.44231	0.04945	11.81%	0.52623	0.08748	0.53345	13.88%	2.31%	14.07%	6.0977	0.09051
004.07	49	48	3.3113	0.41956	3.3564	0.27943	0.02852	8.33%	0.41086	0.12015	0.42807	12.41%	3.63%	12.93%	3.5627	0.12200
004.11	8	8	3.8465	0.49409	3.7835	0.41099	0.10275	10.86%	0.48990	0.09080	0.49824	12.74%	2.36%	12.95%	5.4874	0.11861
004.99	2	2	3.0575	0.13081												
005.00	181	118	4.9767	0.18062	4.9714	0.16981	0.01105	3.42%	0.17332	0.07189	0.18764	3.48%	1.44%	3.77%	2.6101	0.07005
005.05	22	21	5.0666	0.19476	5.0825	0.09863	0.01522	1.94%	0.19296	0.03746	0.19656	3.81%	0.74%	3.88%	5.2473	0.03610
005.11	5	5	4.7159	0.25677	4.7159	0.25677	0.08120	5.44%	0.25640	0.01947	0.25714	5.44%	0.41%	5.45%	13.206	0.02112
005.99	13	13	5.2175	0.60357	5.1153	0.13674	0.02682	2.67%	0.59982	0.09500	0.60729	11.50%	1.82%	11.64%	6.3923	0.10515
008.02	13	13	4.8912	0.88673	5.0501	0.35406	0.06944	7.01%	0.88127	0.13900	0.89217	18.02%	2.84%	18.24%	6.4184	0.13332
008.05	1		4.9500													
008.08	23	22	4.9728	0.44791	4.9121	0.24324	0.03667	4.95%	0.44059	0.11405	0.45511	8.86%	2.29%	9.15%	3.9904	0.12542
008.99	4	4	5.2861	0.97481	5.2861	0.97481	0.34465	18.44%	0.97280	0.08862	0.97683	18.40%	1.68%	18.48%	11.022	0.10945
009.04	1		13.655													
009.07	10	9	12.979	1.2166	12.999	1.1650	0.27460	8.96%	1.1948	0.32419	1.2380	9.21%	2.50%	9.54%	3.8188	0.36000
009.09	17	17	12.664	0.72712	12.542	0.34418	0.05903	2.74%	0.70866	0.23028	0.74513	5.60%	1.82%	5.88%	3.2357	0.22365
009.99	4	4	15.305	1.6634	15.305	1.6634	0.58809	10.87%	1.5720	0.76893	1.7500	10.27%	5.02%	11.43%	2.2759	0.62440
010.03	5	5	9.3163	1.6104	9.3163	1.6104	0.50925	17.29%	1.5893	0.36690	1.6311	17.06%	3.94%	17.51%	4.4457	0.40656
010.11	10	9	10.563	0.26292	10.567	0.29000	0.06835	2.74%	0.25932	0.06127	0.26646	2.46%	0.58%	2.52%	4.3491	0.06478
010.99	12	11	10.289	0.88897	10.365	0.47693	0.10168	4.60%	0.88577	0.10652	0.89215	8.61%	1.04%	8.67%	8.3754	0.09891
011.01	149	78	11.055	0.41716	11.111	0.26109	0.02090	2.35%	0.41242	0.08873	0.42185	3.73%	0.80%	3.82%	4.7544	0.09300
011.02	1		11.320													
011.99	3	3	10.277	0.96128	10.277	0.96128	0.39244	9.35%	0.95296	0.17842	0.96952	9.27%	1.74%	9.43%	5.4340	0.19333
012.00	8	8	45.023	0.75421	44.927	0.63071	0.15768	1.40%	0.65086	0.53892	0.84502	1.45%	1.20%	1.88%	1.5680	0.51625
012.01	2	2	39.165	2.1355												
012.03	2	2	41.833	1.8703												
012.04	4	4	41.436	1.0506	41.436	1.0506	0.37144	2.54%	1.0473	0.11837	1.0539	2.53%	0.29%	2.54%	8.9033	0.12250
012.11	1		43.870													
013.00	14	12	4.1317	0.48346	4.1138	0.50723	0.10354	12.33%	0.48086	0.07074	0.48604	11.64%	1.71%	11.76%	6.8707	0.07408
013.02	89	30	4.4452	0.33683	4.4213	0.27426	0.03541	6.20%	0.32451	0.12768	0.34872	7.30%	2.87%	7.84%	2.7312	0.11547
013.03	1		1.6800													
013.10	14	13	3.9219	0.47010	3.8241	0.31131	0.06105	8.14%	0.46542	0.09358	0.47474	11.87%	2.39%	12.10%	5.0729	0.09805
013.11	3	3	3.6850	1.2589	3.6850	1.2589	0.51396	34.16%	1.2556	0.12994	1.2623	34.07%	3.53%	34.25%	9.7147	0.15000
013.13	1		4.9750													
015.41	4	4	80.142	19.236	80.142	19.236	6.8011	24.00%	19.158	2.4537	19.315	23.91%	3.06%	24.10%	7.8716	3.0066
015.42	2	2	75.740	6.3074												

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015.43	3	3	86.302	3.5985	86.302	3.5985	1.4691	4.17%	2.6607	3.4264	4.3381	3.08%	3.97%	5.03%	1.2661	4.4700
015.52	1		96.122													
017.31	1		7.7000													
017.41	2	2	9.0175	2.8815												
017.42	2	2	8.0750	0.24749												
017.43	3	3	7.8183	0.27269	7.8183	0.27269	0.11132	3.49%	0.26855	0.06696	0.27677	3.43%	0.86%	3.54%	4.1335	0.08333
018.41	1		0.06100													
018.52	1		0.06150													
019.00	22	22	0.80056	0.17042	0.76762	0.05254	0.00792	6.85%	0.17005	0.01585	0.17078	21.24%	1.98%	21.33%	10.778	0.01778
019.03	5	5	0.77967	0.04184	0.77967	0.04184	0.01323	5.37%	0.04152	0.00730	0.04216	5.33%	0.94%	5.41%	5.7777	0.00714
019.08	8	8	0.80000	0.06639	0.80000	0.07528	0.01882	9.41%	0.06587	0.01173	0.06690	8.23%	1.47%	8.36%	5.7054	0.01500
019.31	31	31	0.76946	0.04465	0.77363	0.03003	0.00381	3.88%	0.04334	0.01520	0.04592	5.63%	1.97%	5.97%	3.0221	0.01515
019.32	10	9	0.72498	0.06408	0.73208	0.04640	0.01094	6.34%	0.06376	0.00909	0.06440	8.79%	1.25%	8.88%	7.0865	0.01142
019.33	1		0.76000													
019.41	39	39	0.76347	0.03606	0.76166	0.03261	0.00369	4.28%	0.03410	0.01659	0.03792	4.47%	2.17%	4.97%	2.2862	0.01649
019.42	24	24	0.77039	0.03133	0.77255	0.02939	0.00424	3.80%	0.02424	0.02807	0.03709	3.15%	3.64%	4.81%	1.3214	0.02725
019.43	10	10	0.78234	0.04149	0.78234	0.04705	0.01052	6.01%	0.03907	0.01975	0.04378	4.99%	2.52%	5.60%	2.2169	0.02164
019.44	1		0.75000													
019.52	2	2	0.77640	0.11399												
019.53	1		0.78250													
019.99	3	3	0.74667	0.03884	0.74667	0.03884	0.01586	5.20%	0.03731	0.01528	0.04031	5.00%	2.05%	5.40%	2.6390	0.02000
020.31	1		1.5000													
020.32	1		3.0069													
020.41	2	2	1.4961	0.14690												
020.42	2	2	1.3650	0.36770												
020.43	3	3	1.9733	0.05008	1.9733	0.05008	0.02045	2.54%		0.17195			8.71%			0.15333
020.52	1		2.3700													
020.99	1		1.8500													
021.31	1		0.20000													
021.32	1		0.56145													
021.41	4	4	0.73688	0.10044	0.73688	0.10044	0.03551	13.63%	0.09650	0.03944	0.10424	13.10%	5.35%	14.15%	2.6434	0.04225
021.42	1		0.57970													
021.43	3	3	24.822	41.378	24.822	41.378	16.893	166.70%	41.378	0.32917	41.379	166.70%	1.33%	166.70%	125.71	0.30333
021.52	2	2	0.43225	0.27683												
022.31	18	17	18.345	1.2671	18.345	1.4369	0.24643	7.83%	1.1966	0.58963	1.3340	6.52%	3.21%	7.27%	2.2624	0.57629
022.32	4	4	20.181	1.4607	20.181	1.4607	0.51645	7.24%	1.3072	0.92191	1.5996	6.48%	4.57%	7.93%	1.7351	1.0673
022.33	1		16.500													
022.41	29	28	17.232	3.2636	17.647	2.1060	0.28142	11.93%	3.1763	1.0606	3.3487	18.43%	6.15%	19.43%	3.1572	1.0444

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022.42	24	22	18.857	1.7520	18.585	1.5104	0.22771	8.13%	1.7078	0.55339	1.7952	9.06%	2.93%	9.52%	3.2440	0.48541
022.43	10	10	20.781	10.202	18.182	2.9961	0.66995	16.48%	10.189	0.72923	10.215	49.03%	3.51%	49.16%	14.008	0.75900
022.44	1		17.750													
022.52	1		15.390													
022.53	1		18.600													
022.99	1		30.000													
025.31	16	16	238.38	25.376	243.09	12.402	2.1925	5.10%	25.289	2.9824	25.464	10.61%	1.25%	10.68%	8.5381	3.6719
025.32	3	3	249.44	8.8034	249.44	8.8034	3.5940	3.53%	8.4358	3.5603	9.1563	3.38%	1.43%	3.67%	2.5718	3.8401
025.33	1		208.50													
025.41	31	30	240.39	23.002	240.08	12.000	1.5492	5.00%	22.790	4.4065	23.212	9.48%	1.83%	9.66%	5.2677	4.7042
025.42	22	21	227.77	22.601	229.97	13.920	2.1480	6.05%	21.110	11.419	24.000	9.27%	5.01%	10.54%	2.1018	11.110
025.43	10	10	238.33	23.318	238.33	26.443	5.9128	11.10%	22.428	9.0266	24.176	9.41%	3.79%	10.14%	2.6783	10.277
025.52	1		238.21													
025.99	1		291.50													
026.31	1		0.20000													
026.52	1		0.08850													
027.31	18	18	0.19519	0.04338	0.20389	0.01529	0.00255	7.50%	0.04315	0.00625	0.04360	22.11%	3.20%	22.34%	6.9800	0.00644
027.32	5	5	0.21315	0.01342	0.21315	0.01342	0.00424	6.30%	0.01246	0.00705	0.01431	5.84%	3.31%	6.72%	2.0303	0.00766
027.41	28	28	0.21335	0.01590	0.21056	0.01031	0.00138	4.90%	0.01538	0.00575	0.01642	7.21%	2.70%	7.69%	2.8543	0.00527
027.42	20	20	0.20748	0.01209	0.20523	0.00788	0.00125	3.84%	0.01171	0.00422	0.01245	5.65%	2.03%	6.00%	2.9526	0.00344
027.43	8	8	0.20791	0.01106	0.20592	0.00757	0.00189	3.68%	0.00963	0.00770	0.01233	4.63%	3.70%	5.93%	1.6016	0.00761
027.44	1		0.20500													
027.52	1		0.20085													
027.53	1		0.21250													
027.99	1		0.24000													
028.31	15	15	52.740	5.2027	53.010	3.2186	0.58763	6.07%	5.1167	1.3320	5.2872	9.70%	2.53%	10.03%	3.9695	1.5820
028.32	4	4	56.808	7.9909	56.808	7.9909	2.8252	14.07%	7.9369	1.3118	8.0446	13.97%	2.31%	14.16%	6.1324	1.5305
028.33	1		38.000													
028.41	30	29	54.076	5.2268	53.396	3.8599	0.50683	7.23%	5.1007	1.6139	5.3500	9.43%	2.98%	9.89%	3.3148	1.6374
028.42	23	23	54.223	2.8270	54.249	2.7007	0.39819	4.98%	2.5636	1.6851	3.0679	4.73%	3.11%	5.66%	1.8206	1.7517
028.43	10	10	53.506	7.5258	53.985	7.4314	1.6617	13.77%	7.1631	3.2643	7.8718	13.39%	6.10%	14.71%	2.4115	3.0060
028.44	1		52.715													
028.52	1		44.418													
028.53	1		63.800													
029.99	2	2	0.02058	0.02464												
031.01	56	55	0.58144	0.03045	0.58134	0.01786	0.00170	3.07%	0.02989	0.00828	0.03101	5.14%	1.42%	5.33%	3.7455	0.00806
031.02	4	4	0.58896	0.02621	0.58896	0.02621	0.00927	4.45%	0.02565	0.00763	0.02676	4.35%	1.30%	4.54%	3.5064	0.00968
031.03	8	7	0.57324	0.01739	0.58133	0.00814	0.00218	1.40%	0.01383	0.01491	0.02034	2.41%	2.60%	3.55%	1.3637	0.01354

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031.04	1		0.58500													
031.06	3	3	0.56750	0.14250	0.56750	0.14250	0.05818	25.11%	0.14235	0.00935	0.14265	25.08%	1.65%	25.14%	15.250	0.01167
031.41	37	37	0.58980	0.04523	0.58605	0.02288	0.00266	3.90%	0.04456	0.01096	0.04589	7.56%	1.86%	7.78%	4.1867	0.01082
031.42	23	23	0.58406	0.02065	0.58413	0.02081	0.00307	3.56%	0.01923	0.01066	0.02199	3.29%	1.83%	3.76%	2.0626	0.01096
031.43	11	11	0.58752	0.01793	0.58889	0.01677	0.00357	2.85%	0.01387	0.01606	0.02122	2.36%	2.73%	3.61%	1.3212	0.01865
031.44	1		0.58000													
031.52	1		0.52130													
031.53	1		0.61300													
031.99	6	6	0.55917	0.03293	0.56041	0.03490	0.01007	6.23%	0.02338	0.03279	0.04027	4.18%	5.86%	7.20%	1.2282	0.03167
032.02	7	6	0.81404	0.05502	0.83827	0.01746	0.00504	2.08%	0.05425	0.01296	0.05578	6.66%	1.59%	6.85%	4.3037	0.01535
032.31	17	17	0.78053	0.05325	0.78414	0.05247	0.00900	6.69%	0.05216	0.01514	0.05431	6.68%	1.94%	6.96%	3.5882	0.01686
032.32	3	3	0.84667	0.00764	0.84667	0.00764	0.00312	0.90%		0.04123			4.87%			0.04000
032.41	28	27	0.81922	0.08033	0.81645	0.04022	0.00547	4.93%	0.07874	0.02245	0.08188	9.61%	2.74%	10.00%	3.6476	0.02262
032.42	20	19	0.82874	0.03314	0.82889	0.03721	0.00604	4.49%	0.02942	0.02157	0.03648	3.55%	2.60%	4.40%	1.6914	0.02132
032.43	8	8	0.83593	0.08260	0.83556	0.06288	0.01572	7.53%	0.08165	0.01766	0.08354	9.77%	2.11%	9.99%	4.7302	0.01791
032.44	1		0.84000													
032.52	1		0.79270													
032.53	1		0.89750													
032.99	1		0.92000													
033.00	33	32	0.57917	0.05851	0.57818	0.06383	0.00798	11.04%	0.05743	0.01586	0.05958	9.92%	2.74%	10.29%	3.7563	0.01789
033.01	40	37	0.64636	0.05995	0.63621	0.02299	0.00267	3.61%	0.05937	0.01173	0.06052	9.19%	1.81%	9.36%	5.1591	0.01047
033.03	9	8	0.56425	0.11436	0.55232	0.10183	0.02546	18.44%	0.11344	0.02047	0.11527	20.11%	3.63%	20.43%	5.6315	0.01900
033.05	2	2	0.55575	0.06258												
033.99	10	10	0.66955	0.34472	0.59442	0.09551	0.02136	16.07%	0.34466	0.00940	0.34478	51.48%	1.40%	51.49%	36.660	0.00950
034.01	1		0.42750													
034.04	7	7	0.41755	0.05431	0.42464	0.04401	0.01176	10.36%	0.05232	0.02062	0.05624	12.53%	4.94%	13.47%	2.7272	0.02304
034.34	1		0.13100													
034.41	1		0.23500													
034.42	2	2	0.46250	0.14496												
034.52	3	3	0.56833	0.19244	0.56833	0.19244	0.07856	33.86%	0.15970	0.15186	0.22038	28.10%	26.72%	38.78%	1.4511	0.14933
034.99	3	3	0.42392	0.01391	0.42392	0.01391	0.00568	3.28%		0.02166			5.11%			0.02703
035.01	4	4	0.24613	0.01708	0.24613	0.01708	0.00604	6.94%	0.01511	0.01127	0.01885	6.14%	4.58%	7.66%	1.6718	0.01125
035.05	8	8	0.26651	0.08034	0.23928	0.01637	0.00409	6.84%	0.08017	0.00740	0.08051	30.08%	2.78%	30.21%	10.885	0.00844
035.31	17	16	0.23554	0.02233	0.23568	0.02406	0.00425	10.21%	0.02202	0.00519	0.02263	9.35%	2.20%	9.61%	4.3613	0.00484
035.32	4	4	0.23206	0.01273	0.23206	0.01273	0.00450	5.48%	0.01273	0.00025	0.01273	5.48%	0.11%	5.49%	51.436	0.00018
035.41	29	28	0.23550	0.01136	0.23495	0.01117	0.00149	4.75%	0.01064	0.00562	0.01204	4.52%	2.39%	5.11%	2.1401	0.00561
035.42	17	17	0.23695	0.02567	0.23330	0.01436	0.00246	6.16%	0.02513	0.00741	0.02620	10.61%	3.13%	11.06%	3.5340	0.00831
035.43	8	8	0.24724	0.02686	0.24724	0.03045	0.00761	12.32%	0.02611	0.00886	0.02758	10.56%	3.58%	11.15%	3.1116	0.00908

Method Code	Total # Labs Submitting	# Labs Included in Calculations	Mean	SD	Assigned Value - Robust Mean	AAFCCO CS ffp - Robust sd	Uncertainty (U)	% RSD	Between Labs sL	Within Labs sr	Reproducibility sR	Between Labs %RSD	Within Labs %rstd	Reproducibility %RSD	sR/sr	Average Range (R-bar)
035.52	1		0.22395													
035.53	1		0.25300													
036.00	1		0.22000													
036.04	2	2	0.20250	0.01061												
036.42	16	16	0.18409	0.00851	0.18368	0.00827	0.00146	4.50%	0.00820	0.00324	0.00882	4.45%	1.76%	4.79%	2.7223	0.00289
036.43	7	7	0.18515	0.01364	0.18512	0.01540	0.00412	8.32%	0.01263	0.00728	0.01458	6.82%	3.93%	7.87%	2.0038	0.00716
036.99	2	2	0.20400	0.01980												
037.31	19	19	151.29	15.946	150.45	7.4973	1.2162	4.98%	15.796	3.0903	16.095	10.44%	2.04%	10.64%	5.2083	3.3825
037.32	8	8	153.11	3.2331	152.39	2.0125	0.50312	1.32%	2.1088	3.4658	4.0570	1.38%	2.26%	2.65%	1.1706	3.8659
037.33	2	2	157.50	0.70711												
037.41	34	34	152.37	8.4489	152.11	7.8905	0.95686	5.19%	7.9179	4.1692	8.9485	5.20%	2.74%	5.87%	2.1463	4.3357
037.42	24	24	149.20	14.278	151.29	10.121	1.4608	6.69%	13.921	4.4854	14.626	9.33%	3.01%	9.80%	3.2608	4.2983
037.43	11	11	149.98	12.355	148.29	8.5032	1.8129	5.73%	11.608	5.9839	13.059	7.74%	3.99%	8.71%	2.1824	6.8682
037.44	1		147.50													
037.52	2	2	133.32	15.295												
037.53	1		169.00													
037.99	2	2	134.33	2.5809												
038.41	2	2	0.98275	0.10218												
038.42	2	2	1.7075	1.0006												
038.43	5	5	0.93800	0.12872	0.93800	0.12872	0.04071	13.72%	0.07517	0.14778	0.16580	8.01%	15.76%	17.68%	1.1219	0.13600
038.52	1		1.0785													
039.31	1		1.7500													
039.42	2	2	1.8023	0.28602												
039.43	1		1.6550													
039.52	1		2.1315													
040.42	1		6.6600													
040.43	1		6.2350													
051.00	8	8	51.438	2.5021	51.438	2.8374	0.70936	5.52%	2.0057	2.1157	2.9153	3.90%	4.11%	5.67%	1.3779	2.4826
051.03	6	6	45.293	7.7965	45.293	8.8412	2.5522	19.52%	7.6019	2.4481	7.9864	16.78%	5.41%	17.63%	3.2622	2.8983
101.99	1		671.92													
102.01	3	3	37.711	1.8811	37.711	1.8811	0.76797	4.99%	1.7367	1.0223	2.0152	4.61%	2.71%	5.34%	1.9713	1.2921
103.01	1		11.441													
104.00	3	3	3.2720	0.21488	3.2720	0.21488	0.08772	6.57%	0.20230	0.10247	0.22677	6.18%	3.13%	6.93%	2.2131	0.11800
105.00	1		1.7365													
106.00	1		7.3500													
106.02	9	8	2.0509	0.66962	1.9813	0.61739	0.15435	31.16%	0.63607	0.29597	0.70156	31.01%	14.43%	34.21%	2.3703	0.27775
107.00	2	2	7.0320	1.9332												
107.99	1		8.2085													

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108.02	2	2	0.70500	0.28284												
109.02	5	5	25.566	7.1332	25.566	7.1332	2.2557	27.90%	7.0776	1.2568	7.1884	27.68%	4.92%	28.12%	5.7197	1.4280
109.99	1		23.000													
112.00	1		2.8489													
113.01	1		0.65500													
114.01	1		0.19000													
120.00	11	10	0.86895	0.02940	0.87190	0.02591	0.00579	2.97%	0.02872	0.00890	0.03007	3.31%	1.02%	3.46%	3.3795	0.00870
120.02	1		0.90285													
120.05	2	2	1.7220	1.2473												
121.00	11	11	1.1366	0.10207	1.1228	0.05696	0.01214	5.07%	0.10061	0.02432	0.10351	8.85%	2.14%	9.11%	4.2554	0.02621
121.02	1		1.1329													
121.05	2	2	1.7855	0.91995												
122.00	10	10	1.5232	0.07623	1.5382	0.05120	0.01145	3.33%	0.07421	0.02470	0.07821	4.87%	1.62%	5.13%	3.1662	0.02390
122.02	1		1.5617													
122.05	2	2	1.9975	0.76721												
124.00	11	10	0.28825	0.01579	0.28825	0.01790	0.00400	6.21%	0.01516	0.00623	0.01639	5.26%	2.16%	5.69%	2.6300	0.00590
124.02	2	2	0.28975	0.02086												
125.00	11	11	2.9681	0.10514	2.9702	0.11452	0.02442	3.86%	0.10141	0.03923	0.10873	3.42%	1.32%	3.66%	2.7715	0.04052
125.02	1		3.0338													
125.05	2	2	3.4703	0.84888												
126.00	11	10	0.77335	0.02814	0.77633	0.02434	0.00544	3.14%	0.02739	0.00911	0.02886	3.54%	1.18%	3.73%	3.1691	0.00830
126.02	1		0.81020													
126.05	2	2	2.7555	2.8355												
127.00	10	10	0.45215	0.02562	0.45331	0.01970	0.00440	4.35%	0.02513	0.00709	0.02611	5.56%	1.57%	5.77%	3.6832	0.00710
127.02	1		0.43655													
127.05	2	2	0.57575	0.23936												
128.00	11	11	0.62284	0.03667	0.62544	0.03540	0.00755	5.66%	0.03544	0.01336	0.03787	5.69%	2.14%	6.08%	2.8350	0.01401
128.02	1		0.68200													
128.05	2	2	0.75525	0.31289												
129.00	11	11	1.3697	0.03312	1.3697	0.03756	0.00801	2.74%	0.03016	0.01934	0.03583	2.20%	1.41%	2.62%	1.8524	0.02037
129.02	1		1.4111													
129.05	2	2	1.6635	0.52821												
130.00	13	13	0.81677	0.04314	0.81595	0.02802	0.00550	3.43%	0.04247	0.01076	0.04381	5.20%	1.32%	5.36%	4.0728	0.01199
130.01	2	2	1.1675	0.55508												
130.02	1		0.82800													
130.05	5	5	1.0055	0.48130	1.0055	0.48130	0.15220	47.87%	0.47983	0.05305	0.48276	47.72%	5.28%	48.01%	9.0994	0.05340
131.00	11	11	0.27782	0.01417	0.27557	0.00912	0.00194	3.31%	0.01237	0.00977	0.01576	4.45%	3.52%	5.67%	1.6132	0.00847
131.02	2	2	0.27475	0.00742												

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131.05	1		0.65800													
132.00	11	10	0.77070	0.03292	0.77360	0.03154	0.00705	4.08%	0.03236	0.00851	0.03346	4.20%	1.10%	4.34%	3.9325	0.00940
132.02	1		0.82285													
132.05	2	2	0.95425	0.30441												
133.00	11	10	1.0202	0.03543	1.0204	0.03970	0.00888	3.89%	0.03133	0.02338	0.03909	3.07%	2.29%	3.83%	1.6720	0.02080
133.05	2	2	2.0088	1.4407												
134.00	11	10	0.76380	0.04783	0.77527	0.02982	0.00667	3.85%	0.04724	0.01051	0.04840	6.19%	1.38%	6.34%	4.6063	0.01140
134.02	1		0.70645													
134.05	2	2	1.0625	0.35285												
135.00	11	11	0.59820	0.02061	0.60357	0.01455	0.00310	2.41%	0.01805	0.01408	0.02289	3.02%	2.35%	3.83%	1.6260	0.01476
135.02	1		0.60400													
135.05	2	2	0.85425	0.37653												
136.00	2	2	0.24013	0.05250												
136.01	4	4	0.19113	0.01699	0.19113	0.01699	0.00601	8.89%	0.01688	0.00272	0.01710	8.83%	1.42%	8.94%	6.2950	0.00275
136.99	2	2	0.19200	0.01697												
137.00	8	7	0.51321	0.02037	0.51503	0.01884	0.00503	3.66%	0.01786	0.01386	0.02261	3.48%	2.70%	4.41%	1.6308	0.01614
137.02	1		0.49985													
137.05	2	2	0.66950	0.18455												
138.00	11	11	0.77749	0.03558	0.78387	0.02473	0.00527	3.15%	0.03482	0.01035	0.03632	4.48%	1.33%	4.67%	3.5093	0.01066
138.02	1		0.80525													
138.05	2	2	1.7945	1.6136												
139.00	1		0.05500													