

AAFCO Check Sample Program

Methods Report

Sort by Method

Proficiency For Individual Methods

Sample # 201226

Dairy Herd & Beef Calf Milk Replacer, 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 %rds	Reproducibility %RSD	sR/sr	Average Range (R-bar)
000.01	1		2.4000													
001.00	10	9	6.0623	4.6830	4.7036	1.7468	0.41172	37.14%	4.6827	0.07337	4.6833	77.24%	1.21%	77.25%	63.831	0.08109
001.02	1		3.0350													
001.03	19	18	3.9604	0.69138	3.9895	0.38968	0.06495	9.77%	0.69101	0.03200	0.69175	17.45%	0.81%	17.47%	21.618	0.02675
001.05	1		4.0050													
001.07	34	32	3.9808	0.64039	3.9862	0.46604	0.05826	11.69%	0.63680	0.09571	0.64396	16.00%	2.40%	16.18%	6.7284	0.10526
001.08	3	3	4.8350	0.57829	4.8350	0.57829	0.23609	11.96%	0.56417	0.17968	0.59209	11.67%	3.72%	12.25%	3.2953	0.21667
001.99	16	15	4.7420	1.4776	4.6456	1.3425	0.24510	28.90%	1.4705	0.20483	1.4847	31.01%	4.32%	31.31%	7.2485	0.17333
002.00	5	5	19.584	0.61339	19.584	0.61339	0.19397	3.13%	0.57953	0.28422	0.64547	2.96%	1.45%	3.30%	2.2710	0.28800
002.01	9	9	19.049	0.21180	19.060	0.21969	0.05178	1.15%	0.20435	0.07873	0.21899	1.07%	0.41%	1.15%	2.7815	0.08856
002.02	6	6	19.140	0.32894	19.140	0.37302	0.10768	1.95%	0.32116	0.10058	0.33654	1.68%	0.53%	1.76%	3.3459	0.11703
002.04	8	8	19.164	0.93815	19.149	0.30113	0.07528	1.57%	0.93439	0.11861	0.94189	4.88%	0.62%	4.91%	7.9409	0.14375
002.05	41	40	19.179	0.40514	19.202	0.37577	0.04201	1.96%	0.39943	0.09592	0.41078	2.08%	0.50%	2.14%	4.2826	0.08956
002.06	219	140	19.506	0.42506	19.478	0.33291	0.01990	1.71%	0.40851	0.16613	0.44099	2.09%	0.85%	2.26%	2.6546	0.15355
002.08	4	4	19.579	0.52128	19.579	0.52128	0.18430	2.66%	0.51097	0.14585	0.53138	2.61%	0.74%	2.71%	3.6433	0.12833
002.10	2	2	19.454	0.19976												
002.11	3	3	21.000	1.0415	21.000	1.0415	0.42518	4.96%	1.0413	0.02769	1.0417	4.96%	0.13%	4.96%	37.620	0.03333
002.99	2	2	19.643	0.47730												
003.00	20	20	15.982	4.3770	16.552	3.8621	0.61064	23.33%	4.3747	0.20203	4.3793	27.37%	1.26%	27.40%	21.677	0.20315
003.01	1		12.565													
003.06	12	11	10.035	3.2814	9.2860	1.3131	0.27995	14.14%	3.2807	0.09342	3.2821	32.69%	0.93%	32.70%	35.132	0.09455
003.09	12	12	14.315	3.7392	14.515	3.7674	0.76902	25.96%	3.7372	0.17515	3.7413	26.11%	1.22%	26.14%	21.360	0.20272
003.10	32	29	11.096	7.0061	9.4476	3.2258	0.42357	34.14%	7.0046	0.20593	7.0076	63.12%	1.86%	63.15%	34.029	0.19064
003.11	3	3	19.587	0.89836	19.587	0.89836	0.36676	4.59%	0.89746	0.05686	0.89926	4.58%	0.29%	4.59%	15.815	0.06667
003.12	14	14	12.214	4.7997	12.095	5.2135	0.98526	43.11%	4.7995	0.06652	4.8000	39.30%	0.54%	39.30%	72.157	0.07357
003.13	5	5	11.496	4.8859	11.496	4.8859	1.5451	42.50%	4.8836	0.21298	4.8883	42.48%	1.85%	42.52%	22.952	0.22400
003.14	23	22	13.330	3.0213	13.226	1.8837	0.28398	14.24%	2.9988	0.52099	3.0437	22.50%	3.91%	22.83%	5.8422	0.46992

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003.99	9	7	12.414	7.5910	12.610	8.1582	2.1804	64.70%	7.5824	0.51149	7.5996	61.08%	4.12%	61.22%	14.858	0.32429
004.00	18	16	0.26110	0.26809	0.21060	0.15291	0.02703	72.61%	0.26326	0.07167	0.27284	100.83%	27.45%	104.50%	3.8067	0.05766
004.03	2	2	0.12750	0.18031												
004.06	29	28	0.32489	0.36275	0.24814	0.15957	0.02132	64.31%	0.36055	0.05632	0.36493	110.98%	17.34%	112.32%	6.4795	0.04880
004.07	41	40	0.63076	0.46999	0.60109	0.46880	0.05241	77.99%	0.46758	0.06710	0.47237	74.13%	10.64%	74.89%	7.0400	0.06766
004.11	1		4.1000													
004.99	3	3	1.9583	3.2404	1.9583	3.2404	1.3229	165.47%	3.2389	0.13910	3.2419	165.39%	7.10%	165.54%	23.306	0.12333
005.00	184	110	11.813	0.14544	11.812	0.09991	0.00674	0.85%	0.13731	0.06781	0.15314	1.16%	0.57%	1.30%	2.2583	0.06600
005.02	1		11.855													
005.03	1		11.700													
005.05	25	24	11.833	0.11783	11.820	0.10408	0.01502	0.88%	0.11706	0.01906	0.11860	0.99%	0.16%	1.00%	6.2228	0.02025
005.11	2	2	11.368	1.7289												
005.99	10	9	12.022	0.49583	11.879	0.10756	0.02535	0.91%	0.49008	0.10646	0.50151	4.08%	0.89%	4.17%	4.7109	0.10444
006.00	1		27.245													
006.99	1		59.700													
008.02	5	5	0.14400	0.13418	0.14400	0.13418	0.04243	93.18%	0.13381	0.01414	0.13455	92.92%	9.82%	93.44%	9.5145	0.01600
008.05	1		1.3500													
008.08	14	13	0.35423	0.63066	0.15860	0.12517	0.02455	78.92%	0.62915	0.06174	0.63217	177.61%	17.43%	178.46%	10.240	0.04231
008.99	3	3	0.92500	0.42518	0.92500	0.42518	0.17358	45.97%	0.41485	0.13172	0.43526	44.85%	14.24%	47.05%	3.3044	0.15000
009.04	1		0.00000													
009.07	6	6	1.7625	2.5695	0.90500	0.30619	0.08839	33.83%	2.5667	0.16721	2.5722	145.63%	9.49%	145.94%	15.383	0.16167
009.09	12	11	0.33091	0.44163	0.16453	0.15727	0.03353	95.59%	0.43931	0.06389	0.44393	132.76%	19.31%	134.16%	6.9485	0.05636
009.99	2	2	6.6525	7.2090												
010.03	6	6	3.7135	0.63934	3.7135	0.72501	0.20929	19.52%	0.60796	0.27981	0.66926	16.37%	7.53%	18.02%	2.3918	0.25577
010.11	3	3	4.6333	2.1926	4.6333	2.1926	0.89514	47.32%	2.1923	0.05033	2.1929	47.32%	1.09%	47.33%	43.569	0.05333
010.99	9	9	4.1353	0.38005	4.0927	0.29268	0.06899	7.15%	0.37628	0.07558	0.38379	9.10%	1.83%	9.28%	5.0778	0.07838
011.01	148	73	10.188	2.3190	10.294	1.7774	0.14710	17.27%	2.3151	0.19169	2.3230	22.72%	1.88%	22.80%	12.118	0.18245
011.02	6	3	8.4067	0.86302	8.4067	0.86302	0.35233	10.27%	0.85883	0.12014	0.86719	10.22%	1.43%	10.32%	7.2183	0.15333
011.99	2	2	6.4550	3.4578												
012.00	3	3	10.655	0.83491	10.655	0.83491	0.34085	7.84%	0.81619	0.24863	0.85322	7.66%	2.33%	8.01%	3.4317	0.24333
012.01	2	2	0.50750	0.29345												
012.03	1		0.99500													
012.04	5	5	0.87000	1.4234	0.87000	1.4234	0.45012	163.61%	1.4171	0.19011	1.4297	162.88%	21.85%	164.34%	7.5208	0.13200
012.11	1		1.0950													
013.00	21	19	20.218	0.99753	20.230	0.90987	0.14760	4.50%	0.98683	0.20608	1.0081	4.88%	1.02%	4.99%	4.8919	0.21685
013.02	108	38	20.446	0.72785	20.550	0.55198	0.06332	2.69%	0.70268	0.26836	0.75218	3.44%	1.31%	3.68%	2.8028	0.22774
013.03	5	5	20.433	0.27410	20.433	0.27410	0.08668	1.34%		0.78635			3.85%			0.62546
013.08	3	3	20.337	0.41235	20.337	0.41235	0.16834	2.03%	0.33262	0.34467	0.47899	1.64%	1.69%	2.36%	1.3897	0.41333

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013.10	15	14	19.237	2.2871	19.689	0.81496	0.15401	4.14%	2.2821	0.21287	2.2920	11.86%	1.11%	11.91%	10.767	0.21936
013.11	1		20.650													
013.12	2	2	20.600	0.42426												
013.13	2	2	20.553	0.71064												
015.41	5	5	41.951	17.994	41.951	17.994	5.6901	42.89%	17.951	1.7465	18.036	42.79%	4.16%	42.99%	10.327	2.1518
015.42	2	2	33.350	1.6263												
015.43	4	4	41.531	5.6019	41.531	5.6019	1.9806	13.49%	5.4571	1.7894	5.7430	13.14%	4.31%	13.83%	3.2095	2.0175
015.52	1		32.075													
015.53	1		38.000													
016.00	2	2	0.03050	0.02899												
016.42	1		0.00000													
016.53	1		0.00000													
017.41	2	2	5.0950	0.09192												
017.42	3	3	3.0817	2.7956	3.0817	2.7956	1.1413	90.72%	2.7945	0.11262	2.7968	90.68%	3.65%	90.75%	24.834	0.13000
017.43	4	4	5.0300	1.0754	5.0300	1.0754	0.38021	21.38%	1.0642	0.21852	1.0864	21.16%	4.34%	21.60%	4.9718	0.21500
017.53	1		4.6000													
018.33	1		0.03000													
018.34	1		0.00270													
018.42	1		0.00000													
018.53	1		0.00335													
019.00	27	26	0.89253	0.07304	0.88884	0.04317	0.00599	4.86%	0.07254	0.01204	0.07354	8.13%	1.35%	8.24%	6.1067	0.01053
019.02	1		0.82500													
019.03	4	4	0.98211	0.08384	0.98211	0.08384	0.02964	8.54%	0.02298	0.11403	0.11632	2.34%	11.61%	11.84%	1.0201	0.09143
019.08	8	7	0.91003	0.06274	0.90994	0.06195	0.01656	6.81%	0.06055	0.02326	0.06486	6.65%	2.56%	7.13%	2.7882	0.02677
019.31	33	31	0.89182	0.05909	0.88883	0.04013	0.00510	4.51%	0.05789	0.01677	0.06027	6.49%	1.88%	6.76%	3.5939	0.01622
019.32	8	8	0.92261	0.03804	0.92704	0.03245	0.00811	3.50%	0.03754	0.00871	0.03854	4.07%	0.94%	4.18%	4.4240	0.00815
019.33	2	2	0.88825	0.00955												
019.41	36	35	0.91658	0.06281	0.91657	0.02842	0.00340	3.10%	0.06203	0.01395	0.06358	6.77%	1.52%	6.94%	4.5580	0.01474
019.42	20	20	0.94227	0.05167	0.93990	0.05393	0.00853	5.74%	0.04955	0.02070	0.05370	5.26%	2.20%	5.70%	2.5939	0.02213
019.43	14	14	0.92895	0.05814	0.92586	0.05641	0.01066	6.09%	0.05645	0.01972	0.05979	6.08%	2.12%	6.44%	3.0322	0.02356
019.52	2	2	0.83798	0.03822												
019.53	4	4	0.89025	0.04239	0.89025	0.04239	0.01499	4.76%	0.04130	0.01353	0.04346	4.64%	1.52%	4.88%	3.2124	0.01700
019.99	2	2	0.86175	0.10359												
020.41	2	2	0.42750	0.13081												
020.42	1		0.00000													
020.43	1		0.55000													
020.52	1		1.3945													
020.53	1		0.36900													

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021.31	1		0.20000													
021.33	1		0.42600													
021.41	3	3	0.19208	0.01307	0.19208	0.01307	0.00533	6.80%	0.01205	0.00714	0.01401	6.27%	3.72%	7.29%	1.9610	0.00583
021.42	2	2	0.50000	0.70711												
021.43	4	4	0.37738	0.17095	0.37738	0.17095	0.06044	45.30%	0.17033	0.02044	0.17156	45.14%	5.42%	45.46%	8.3948	0.02275
021.52	1		0.25200													
021.53	3	3	0.39767	0.13670	0.39767	0.13670	0.05581	34.38%	0.13620	0.01645	0.13719	34.25%	4.14%	34.50%	8.3390	0.02267
022.31	18	17	12.306	0.79496	12.276	0.60182	0.10321	4.90%	0.77397	0.25668	0.81542	6.29%	2.09%	6.63%	3.1768	0.23147
022.32	3	3	12.893	4.8563	12.893	4.8563	1.9826	37.67%	4.8465	0.43673	4.8662	37.59%	3.39%	37.74%	11.142	0.46000
022.33	1		13.010													
022.41	29	29	11.969	1.0799	12.032	1.0966	0.14399	9.11%	0.96893	0.67443	1.1805	8.10%	5.63%	9.86%	1.7504	0.70811
022.42	18	18	12.365	2.5770	11.932	1.3056	0.21760	10.94%	2.5348	0.65668	2.6185	20.50%	5.31%	21.18%	3.9875	0.71722
022.43	12	12	11.054	2.0403	10.665	1.2565	0.25648	11.78%	1.9490	0.85314	2.1276	17.63%	7.72%	19.25%	2.4938	0.86633
022.52	1		9.7730													
022.53	3	3	11.667	0.82513	11.667	0.82513	0.33686	7.07%	0.66018	0.70000	0.96220	5.66%	6.00%	8.25%	1.3746	0.93333
025.31	19	18	124.68	18.553	125.04	12.686	2.1144	10.15%	18.424	3.0855	18.681	14.78%	2.47%	14.98%	6.0544	2.8811
025.32	3	3	122.85	14.158	122.85	14.158	5.7798	11.52%	13.651	5.3064	14.646	11.11%	4.32%	11.92%	2.7601	5.4767
025.33	1		146.79													
025.41	30	29	123.35	12.048	123.15	7.7173	1.0133	6.27%	11.850	3.0755	12.242	9.61%	2.49%	9.93%	3.9806	2.7075
025.42	18	17	141.59	56.312	129.92	15.999	2.7438	12.31%	56.219	4.5867	56.406	39.71%	3.24%	39.84%	12.298	4.4306
025.43	13	12	126.60	12.185	126.21	12.795	2.6117	10.14%	11.758	4.5215	12.597	9.29%	3.57%	9.95%	2.7862	4.1692
025.52	1		113.72													
025.53	2	2	122.50	3.5355												
025.99	1		125.72													
026.31	1		1.8900													
026.33	1		0.17500													
026.34	1		0.03750													
026.42	1		0.00000													
026.52	1		0.01500													
026.53	1		0.03400													
027.31	15	15	0.15923	0.01304	0.15648	0.00844	0.00154	5.40%	0.01276	0.00382	0.01332	8.01%	2.40%	8.36%	3.4842	0.00352
027.32	6	6	0.16362	0.01118	0.16145	0.00733	0.00211	4.54%	0.01040	0.00577	0.01190	6.36%	3.53%	7.27%	2.0606	0.00670
027.33	1		0.15600													
027.34	1		1.3400													
027.41	25	24	0.15890	0.00640	0.15887	0.00720	0.00104	4.53%	0.00601	0.00311	0.00677	3.78%	1.96%	4.26%	2.1750	0.00264
027.42	17	17	0.16171	0.01188	0.16171	0.01347	0.00231	8.33%	0.01151	0.00415	0.01224	7.12%	2.57%	7.57%	2.9462	0.00431
027.43	11	10	0.15308	0.00746	0.15371	0.00690	0.00154	4.49%	0.00678	0.00440	0.00808	4.43%	2.87%	5.28%	1.8370	0.00407
027.52	1		0.12975													

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027.53	2	2	0.15300	0.01131												
028.31	18	17	49.648	17.573	47.456	4.7782	0.81946	10.07%	17.543	1.4617	17.604	35.33%	2.94%	35.46%	12.044	1.6047
028.32	3	3	47.425	8.7980	47.425	8.7980	3.5918	18.55%	8.6152	2.5228	8.9770	18.17%	5.32%	18.93%	3.5583	2.6967
028.33	1		39.240													
028.41	29	29	48.208	5.6847	48.455	2.4899	0.32695	5.14%	5.6002	1.3811	5.7680	11.62%	2.86%	11.96%	4.1765	1.4921
028.42	20	19	47.814	9.6263	49.467	2.9864	0.48446	6.04%	9.5242	1.9775	9.7274	19.92%	4.14%	20.34%	4.9189	1.6516
028.43	13	13	48.626	3.6286	48.091	2.8867	0.56613	6.00%	3.4230	1.7027	3.8231	7.04%	3.50%	7.86%	2.2453	1.9845
028.52	1		32.099													
028.53	3	3	49.450	1.9151	49.450	1.9151	0.78182	3.87%	0.60553	2.5694	2.6398	1.22%	5.20%	5.34%	1.0274	2.6333
028.99	1		49.619													
029.99	4	4	0.10419	0.20654	0.10419	0.20654	0.07302	198.24%	0.19963	0.07495	0.21323	191.60%	71.94%	204.66%	2.8449	0.05318
031.01	62	61	0.93387	0.05562	0.93587	0.03878	0.00351	4.14%	0.05319	0.02300	0.05795	5.70%	2.46%	6.21%	2.5194	0.01821
031.02	3	3	0.94425	0.01776	0.94425	0.01776	0.00725	1.88%	0.01550	0.01227	0.01977	1.64%	1.30%	2.09%	1.6113	0.01057
031.03	7	7	0.93508	0.03797	0.93311	0.03880	0.01037	4.16%	0.03730	0.01004	0.03862	3.99%	1.07%	4.13%	3.8477	0.01204
031.06	3	3	0.90117	0.04104	0.90117	0.04104	0.01675	4.55%	0.01592	0.05349	0.05581	1.77%	5.94%	6.19%	1.0433	0.05100
031.41	36	35	0.93390	0.04477	0.93466	0.03873	0.00463	4.14%	0.04330	0.01609	0.04619	4.64%	1.72%	4.95%	2.8701	0.01808
031.42	21	21	0.94482	0.04154	0.94743	0.02561	0.00395	2.70%	0.03965	0.01756	0.04336	4.20%	1.86%	4.59%	2.4694	0.01723
031.43	14	13	0.94270	0.03773	0.93830	0.03077	0.00604	3.28%	0.03648	0.01359	0.03893	3.87%	1.44%	4.13%	2.8646	0.01439
031.52	1		0.63530													
031.53	4	4	0.94475	0.04461	0.94475	0.04461	0.01577	4.72%	0.04219	0.02052	0.04691	4.47%	2.17%	4.97%	2.2864	0.02100
031.99	5	5	10.272	20.792	10.272	20.792	6.5750	202.42%		29.431			286.53%			18.629
032.02	4	4	2.6944	0.05725	2.6944	0.05725	0.02024	2.12%	0.04893	0.04203	0.06450	1.82%	1.56%	2.39%	1.5348	0.03975
032.04	1		2.9100													
032.31	17	16	2.8863	0.10352	2.8839	0.03838	0.00678	1.33%	0.08159	0.09011	0.12156	2.83%	3.12%	4.21%	1.3490	0.08396
032.32	3	3	3.2200	0.33451	3.2200	0.33451	0.13657	10.39%	0.33451	0.00000	0.33451	10.39%	0.00%	10.39%		0.00000
032.33	1		2.9010													
032.41	25	25	2.8871	0.11107	2.8889	0.10541	0.01491	3.65%	0.10252	0.06042	0.11900	3.55%	2.09%	4.12%	1.9697	0.06494
032.42	18	17	2.9569	0.12981	2.9562	0.14581	0.02501	4.93%	0.11958	0.07144	0.13929	4.04%	2.42%	4.71%	1.9498	0.07159
032.43	11	11	2.9085	0.11803	2.9147	0.11985	0.02555	4.11%	0.11226	0.05154	0.12353	3.86%	1.77%	4.25%	2.3968	0.05328
032.52	1		2.7501													
032.53	2	2	16.375	18.986												
033.00	30	29	3.1411	0.41901	3.2187	0.09085	0.01193	2.82%	0.41864	0.02481	0.41938	13.33%	0.79%	13.35%	16.902	0.02331
033.01	29	28	3.2547	0.25408	3.2790	0.06676	0.00892	2.04%	0.25357	0.02269	0.25459	7.79%	0.70%	7.82%	11.220	0.02379
033.03	2	2	2.4375	0.39244												
033.05	3	3	3.4433	0.13137	3.4433	0.13137	0.05363	3.82%	0.12586	0.05323	0.13666	3.66%	1.55%	3.97%	2.5673	0.06000
033.99	5	5	4.1140	1.9631	4.1140	1.9631	0.62080	47.72%	1.9614	0.11498	1.9648	47.68%	2.79%	47.76%	17.089	0.10800
034.01	2	2	0.44925	0.00813												
034.04	4	4	0.62575	0.25137	0.62575	0.25137	0.08887	40.17%	0.25125	0.01070	0.25148	40.15%	1.71%	40.19%	23.502	0.01350

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)
034.42	2	2	0.42500	0.60104												
034.43	2	2	0.33025	0.08026												
034.52	1		0.71250													
034.53	3	3	0.40583	0.01233	0.40583	0.01233	0.00503	3.04%		0.04117			10.14%			0.03767
035.01	4	4	1.3974	0.04786	1.3974	0.04786	0.01692	3.43%	0.04755	0.00775	0.04818	3.40%	0.55%	3.45%	6.2131	0.00725
035.05	5	5	1.2957	0.73650	1.2957	0.73650	0.23290	56.84%	0.73337	0.09586	0.73961	56.60%	7.40%	57.08%	7.7153	0.07300
035.31	18	17	1.4070	0.11304	1.3935	0.06933	0.01189	4.98%	0.11167	0.02483	0.11439	7.94%	1.76%	8.13%	4.6075	0.02729
035.32	5	5	1.4656	0.19541	1.4656	0.19541	0.06179	13.33%	0.19071	0.06021	0.19999	13.01%	4.11%	13.65%	3.3216	0.04144
035.33	1		1.3545													
035.41	28	28	1.3780	0.06631	1.3801	0.05830	0.00779	4.22%	0.06364	0.02634	0.06888	4.62%	1.91%	5.00%	2.6147	0.02833
035.42	16	15	1.3562	0.05661	1.3562	0.06419	0.01172	4.73%	0.05426	0.02279	0.05885	4.00%	1.68%	4.34%	2.5824	0.02359
035.43	9	9	1.3734	0.09238	1.3560	0.06421	0.01513	4.74%	0.09113	0.02147	0.09362	6.63%	1.56%	6.82%	4.3608	0.02267
035.52	1		1.2942													
035.53	2	2	1.3600	0.03536												
036.00	1		0.29000													
036.04	2	2	0.33750	0.00354												
036.42	19	18	0.29498	0.01278	0.29490	0.01434	0.00239	4.86%	0.01233	0.00476	0.01322	4.18%	1.61%	4.48%	2.7761	0.00509
036.43	8	8	0.28606	0.01957	0.28675	0.01843	0.00461	6.43%	0.01841	0.00938	0.02066	6.43%	3.28%	7.22%	2.2018	0.00913
036.53	1		0.27500													
037.31	17	17	53.206	5.2790	53.577	4.6015	0.78914	8.59%	5.2178	1.1332	5.3395	9.81%	2.13%	10.04%	4.7120	1.1265
037.32	3	3	58.233	7.4272	58.233	7.4272	3.0321	12.75%	7.3972	0.94308	7.4571	12.70%	1.62%	12.81%	7.9072	1.1933
037.33	2	2	55.135	2.3122												
037.41	31	30	54.896	5.6036	55.447	3.2905	0.42480	5.93%	5.4274	1.9719	5.7745	9.89%	3.59%	10.52%	2.9283	1.9480
037.42	19	18	56.924	6.5291	56.322	5.6265	0.93776	9.99%	6.4177	1.6985	6.6386	11.27%	2.98%	11.66%	3.9084	2.0350
037.43	12	12	56.174	5.6127	55.142	2.9009	0.59215	5.26%	5.3450	2.4221	5.8682	9.52%	4.31%	10.45%	2.4228	2.4825
037.52	1		43.676													
037.53	3	3	52.517	4.7672	52.517	4.7672	1.9462	9.08%	4.6320	1.5943	4.8986	8.82%	3.04%	9.33%	3.0727	2.1667
037.99	1		53.273													
038.41	1		46.000													
038.42	2	2	0.50000	0.70711												
038.43	5	5	0.83900	0.23453	0.83900	0.23453	0.07417	27.95%	0.14913	0.25599	0.29626	17.77%	30.51%	35.31%	1.1573	0.19800
038.52	1		0.63500													
038.53	1		0.67500													
039.42	1		0.00000													
039.52	1		0.44100													
039.53	1		0.28050													
041.42	1		0.00000													
061.02	19	19	78.555	13.164	75.239	5.5861	0.90618	7.42%	13.062	2.3186	13.266	16.63%	2.95%	16.89%	5.7217	2.4148

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061.03	6	5	76.667	2.8766	76.667	2.8766	0.90965	3.75%	2.7905	0.98759	2.9601	3.64%	1.29%	3.86%	2.9973	1.0616
101.02	2	2	1,852.4	321.16												
104.03	2	2	6.8600	2.8355												
105.00	3	3	3.0757	2.0276	3.0757	2.0276	0.82776	65.92%	2.0151	0.31802	2.0400	65.52%	10.34%	66.33%	6.4148	0.35467
105.01	1		5.5150													
106.00	2	2	15.664	2.6676												
106.01	2	2	18.898	1.0218												
106.02	24	23	16.261	4.1453	16.515	2.2567	0.33274	13.67%	4.0661	1.1405	4.2230	25.00%	7.01%	25.97%	3.7029	1.0221
107.00	1		28.250													
108.01	2	2	4.8785	0.60599												
108.02	6	6	3.6417	1.6875	3.9867	1.3345	0.38524	33.47%	1.6862	0.09283	1.6888	46.30%	2.55%	46.37%	18.193	0.09000
109.00	1		228.50													
109.02	15	14	227.39	69.990	237.92	52.142	9.8539	21.92%	69.643	9.8477	70.336	30.63%	4.33%	30.93%	7.1424	11.293
109.99	1		251.00													
112.00	1		19.500													
112.99	1		1.2300													
113.01	1		0.84500													
114.01	1		0.74555													
120.00	15	15	0.84826	0.08498	0.83007	0.03009	0.00549	3.63%	0.08411	0.01709	0.08583	9.92%	2.01%	10.12%	5.0217	0.01690
120.02	2	2	0.85340	0.01683												
120.05	3	3	0.81388	0.04191	0.81388	0.04191	0.01711	5.15%	0.03924	0.02079	0.04441	4.82%	2.55%	5.46%	2.1364	0.02230
121.00	15	14	0.41471	0.04875	0.41699	0.02344	0.00443	5.62%	0.04797	0.01231	0.04952	11.57%	2.97%	11.94%	4.0215	0.01257
121.01	1		0.43600													
121.02	2	2	0.45743	0.02556												
121.05	3	3	0.39133	0.02277	0.39133	0.02277	0.00930	5.82%	0.02219	0.00723	0.02334	5.67%	1.85%	5.96%	3.2263	0.00933
122.00	15	15	1.8108	0.07952	1.8174	0.04284	0.00782	2.36%	0.07871	0.01610	0.08033	4.35%	0.89%	4.44%	4.9906	0.01609
122.01	1		1.7985													
122.02	2	2	1.8919	0.05385												
122.05	3	3	1.9625	0.11309	1.9625	0.11309	0.04617	5.76%	0.10793	0.04778	0.11803	5.50%	2.43%	6.01%	2.4703	0.05900
123.99	1		3.1650													
124.00	12	11	0.38626	0.03653	0.39177	0.02690	0.00573	6.87%	0.03622	0.00671	0.03684	9.38%	1.74%	9.54%	5.4901	0.00655
124.01	1		0.37800													
124.02	2	2	0.37835	0.03302												
124.05	1		0.29100													
125.00	14	14	2.9723	0.13328	2.9896	0.10594	0.02002	3.54%	0.13193	0.02675	0.13462	4.44%	0.90%	4.53%	5.0330	0.02731
125.01	1		3.1560													
125.02	2	2	2.9600	0.08068												
125.05	3	3	3.0667	0.13060	3.0667	0.13060	0.05332	4.26%	0.12413	0.05741	0.13676	4.05%	1.87%	4.46%	2.3823	0.06933

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126.00	15	14	0.36899	0.02167	0.36807	0.01528	0.00289	4.15%	0.02144	0.00439	0.02189	5.81%	1.19%	5.93%	4.9838	0.00462
126.01	1		0.44950													
126.02	2	2	0.37285	0.01747												
126.05	3	3	0.34617	0.04924	0.34617	0.04924	0.02010	14.22%	0.04922	0.00178	0.04925	14.22%	0.51%	14.23%	27.678	0.00233
127.00	15	14	0.32104	0.02321	0.31453	0.01222	0.00231	3.88%	0.02263	0.00730	0.02377	7.05%	2.27%	7.41%	3.2558	0.00793
127.01	1		0.30150													
127.02	2	2	0.39188	0.10766												
127.05	2	2	0.30350	0.02828												
128.00	15	15	1.0101	0.11124	1.0313	0.03974	0.00726	3.85%	0.11082	0.01372	0.11167	10.97%	1.36%	11.06%	8.1364	0.01457
128.01	1		1.1195													
128.02	2	2	1.0858	0.02005												
128.05	3	3	1.0075	0.06650	1.0075	0.06650	0.02715	6.60%	0.06603	0.01117	0.06697	6.55%	1.11%	6.65%	5.9938	0.01100
129.00	15	15	1.6934	0.06961	1.7080	0.03716	0.00678	2.18%	0.06825	0.01935	0.07094	4.03%	1.14%	4.19%	3.6656	0.02211
129.01	1		1.7545													
129.02	2	2	1.7789	0.01853												
129.05	3	3	1.7150	0.05837	1.7150	0.05837	0.02383	3.40%	0.05746	0.01450	0.05926	3.35%	0.85%	3.46%	4.0862	0.01400
130.00	14	14	1.2939	0.05460	1.2970	0.05427	0.01026	4.18%	0.05288	0.01924	0.05627	4.09%	1.49%	4.35%	2.9252	0.01935
130.01	1		1.3680													
130.02	2	2	1.3109	0.09100												
130.05	4	4	1.4286	0.13766	1.4286	0.13766	0.04867	9.64%	0.13715	0.01668	0.13816	9.60%	1.17%	9.67%	8.2844	0.01725
131.00	12	11	0.31359	0.03200	0.31072	0.02731	0.00582	8.79%	0.03147	0.00815	0.03251	10.04%	2.60%	10.37%	3.9871	0.00845
131.01	1		0.28950													
131.02	3	3	0.31597	0.07288	0.31597	0.07288	0.02975	23.07%	0.07263	0.00864	0.07314	22.99%	2.73%	23.15%	8.4682	0.00953
131.05	4	4	0.34050	0.03097	0.34050	0.03097	0.01095	9.10%	0.03086	0.00377	0.03109	9.06%	1.11%	9.13%	8.2347	0.00400
132.00	15	15	0.54069	0.04181	0.54811	0.02526	0.00461	4.61%	0.03929	0.02022	0.04419	7.27%	3.74%	8.17%	2.1853	0.01831
132.01	1		0.60000													
132.02	2	2	0.56595	0.01846												
132.05	3	3	0.52217	0.01617	0.52217	0.01617	0.00660	3.10%	0.01503	0.00846	0.01724	2.88%	1.62%	3.30%	2.0392	0.00900
133.00	15	15	1.0463	0.03424	1.0457	0.03772	0.00689	3.61%	0.03111	0.02025	0.03712	2.97%	1.94%	3.55%	1.8329	0.02449
133.05	3	3	1.0730	0.05873	1.0730	0.05873	0.02398	5.47%	0.05856	0.00630	0.05890	5.46%	0.59%	5.49%	9.3518	0.00867
134.00	15	14	0.83362	0.08609	0.85371	0.03514	0.00664	4.12%	0.08548	0.01449	0.08670	10.25%	1.74%	10.40%	5.9838	0.01509
134.01	1		0.90650													
134.02	2	2	0.86160	0.04582												
134.05	3	3	0.84900	0.09174	0.84900	0.09174	0.03745	10.81%	0.09166	0.00532	0.09181	10.80%	0.63%	10.81%	17.249	0.00600
135.00	15	15	1.1403	0.09113	1.1535	0.05431	0.00992	4.71%	0.09019	0.01843	0.09206	7.91%	1.62%	8.07%	4.9946	0.01863
135.01	1		1.2085													
135.02	2	2	1.2121	0.05996												
135.05	3	3	1.0540	0.13323	1.0540	0.13323	0.05439	12.64%	0.13305	0.00971	0.13341	12.62%	0.92%	12.66%	13.735	0.01133

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136.00	4	4	0.26198	0.02673	0.26198	0.02673	0.00945	10.20%	0.02410	0.01634	0.02912	9.20%	6.24%	11.12%	1.7819	0.01635
136.01	5	5	0.28570	0.04155	0.28570	0.04155	0.01314	14.54%	0.04150	0.00266	0.04159	14.53%	0.93%	14.56%	15.608	0.00300
136.03	1		0.28850													
136.99	2	2	0.36225	0.10996												
137.00	11	10	0.45045	0.05064	0.45060	0.02955	0.00661	6.56%	0.04977	0.01319	0.05149	11.05%	2.93%	11.43%	3.9027	0.01422
137.01	1		0.49000													
137.02	2	2	0.47305	0.01619												
137.05	3	3	0.38950	0.02035	0.38950	0.02035	0.00831	5.23%	0.01772	0.01415	0.02268	4.55%	3.63%	5.82%	1.6030	0.01767
138.00	15	14	0.94625	0.08389	0.96289	0.03632	0.00686	3.77%	0.08328	0.01437	0.08451	8.80%	1.52%	8.93%	5.8792	0.01707
138.01	1		1.0695													
138.02	2	2	1.0528	0.08096												
138.05	3	3	0.95333	0.03826	0.95333	0.03826	0.01562	4.01%	0.03782	0.00819	0.03869	3.97%	0.86%	4.06%	4.7270	0.00733
139.00	3	3	0.09983	0.07880	0.09983	0.07880	0.03217	78.94%	0.07870	0.00579	0.07891	78.83%	5.80%	79.04%	13.634	0.00700
139.02	1		0.00000													
139.05	1		0.00850													
210.99	1		3.2670													
300.07	1		1.1000													