

**AAFCO Check Sample Program**  
**Method Performance & Summary Report**



**AAFCO**  
**Check Sample Program**



**Sample # 201544**  
**Barley**  
**Pet Food Program**

**# Labs Reporting: 57**  
**Issue Date : 01/31/2016**

Method Code	Total # Labs Submitting	# Labs in Method Precision Calcs	Mean	SD	Assigned Value - Robust Mean	AAFCO CS ffp - Robust sd	Uncertainty (U) - Robust	% RSD - Robust	Between Labs sL	Within Labs sr	Reproducibility SR	Between Labs %RSD	Within Labs %/rsd	Reproducibility %RSD	sR/sr	Average Range (R-bar)	Horwitz %RSD
001.00	3	3	11.362	0.12768	11.362	0.12768	0.07371	1.12%	0.12682	0.02090	0.12853	1.12%	0.18%	1.13%	6.1505	0.02150	2.77%
001.07	6	5	11.774	0.20306	11.774	0.20306	0.06421	1.72%	0.17798	0.13824	0.22536	1.51%	1.17%	1.91%	1.6302	0.14450	2.76%
001.99	3	3	12.883	1.9662	12.883	1.9662	1.1352	15.26%	1.9651	0.09129	1.9672	15.25%	0.71%	15.27%	21.550	0.10000	2.72%
002.01	2	0															
002.02	1		9.6150														
002.06	47	42	10.581	0.31898	10.599	0.31217	0.03255	2.95%	0.30955	0.10882	0.32813	2.93%	1.03%	3.10%	3.0152	0.12734	2.80%
002.08	1		10.450														
002.11	3	3	10.875	1.4216	10.875	1.4216	0.82078	13.07%	1.4215	0.02614	1.4217	13.07%	0.24%	13.07%	54.388	0.03000	2.79%
002.99	3	3	10.250	0.44441	10.250	0.44441	0.25658	4.34%	0.41633	0.21985	0.47081	4.06%	2.14%	4.59%	2.1415	0.23333	2.82%
003.00	3	3	1.5459	0.13150	1.5459	0.13150	0.07592	8.51%	0.08212	0.14524	0.16685	5.31%	9.40%	10.79%	1.1488	0.14840	3.75%
003.06	3	3	1.6033	0.20883	1.6033	0.20883	0.12057	13.02%	0.18446	0.13844	0.23063	11.50%	8.63%	14.38%	1.6659	0.14667	3.73%
003.09	6	6	1.3662	0.06614	1.3546	0.05133	0.01482	3.79%	0.03408	0.08016	0.08710	2.49%	5.87%	6.38%	1.0866	0.09313	3.82%
003.10	4	4	1.1382	0.16075	1.1382	0.16075	0.08038	14.12%	0.15110	0.07758	0.16985	13.28%	6.82%	14.92%	2.1895	0.08418	3.92%
003.11	3	3	1.6600	0.51468	1.6600	0.51468	0.29715	31.01%	0.51384	0.04163	0.51553	30.95%	2.51%	31.06%	12.383	0.04000	3.71%
003.12	1		1.3050														
003.13	3	3	1.3283	0.04537	1.3283	0.04537	0.02619	3.42%		0.17345			13.06%		0.20333	3.83%	
003.14	4	2	1.2690	0.03391	1.2690	0.03391	0.02398	2.67%		0.10017			7.89%		0.41503	3.86%	
003.99	2	0															
004.00	8	8	0.98063	0.17167	0.96609	0.16470	0.04118	17.05%	0.13803	0.14435	0.19972	14.08%	14.72%	20.37%	1.3836	0.15736	4.02%
004.03	1		0.43000														
004.06	4	4	1.1031	0.17049	1.1031	0.17049	0.08525	15.46%	0.14391	0.12929	0.19346	13.05%	11.72%	17.54%	1.4963	0.15588	3.94%
004.07	10	10	0.90378	0.25826	0.92555	0.23960	0.05358	25.89%	0.23601	0.14833	0.27875	26.11%	16.41%	30.84%	1.8793	0.16459	4.05%
004.11	3	3	2.1733	0.85476	2.1733	0.85476	0.49349	39.33%	0.85311	0.07506	0.85640	39.25%	3.45%	39.41%	11.410	0.08000	3.56%
005.00	35	31	1.2605	0.07397	1.2460	0.06162	0.00759	4.95%	0.06936	0.03636	0.07831	5.50%	2.88%	6.21%	2.1538	0.05081	3.87%
005.05	2	0															
005.11	2	0															
005.99	5	4	1.2950	0.01871	1.2950	0.01871	0.00935	1.44%	0.01541	0.01500	0.02151	1.19%	1.16%	1.66%	1.4337	0.08000	3.85%
006.01	1		1.7400														
006.99	3	2	0.70500	0.00707	0.70500	0.00707	0.00500	1.00%		0.02000			2.84%		0.05000	4.22%	
008.02	4	4	1.6655	0.53689	1.6655	0.53689	0.26844	32.24%	0.52047	0.18632	0.55281	31.25%	11.19%	33.19%	2.9670	0.23925	3.70%
008.08	5	4	1.6808	0.33964	1.6808	0.33964	0.16982	20.21%	0.33278	0.09605	0.34637	19.80%	5.71%	20.61%	3.6060	0.10745	3.70%
009.07	3	3	10.174	1.8586	10.174	1.8586	1.0730	18.27%	1.8473	0.28864	1.8697	18.16%	2.84%	18.38%	6.4777	0.34217	2.82%

Method Code	Total # Labs Submitting	# Labs in Method Precision Calcs	Mean	SD	Assigned Value - Robust Mean	AAFCO CS ffp - Robust sd	Uncertainty (U) - Robust	% RSD - Robust	Between Labs sL	Within Labs sr	Reproducibility sR	Between Labs %RSD	Within Labs %rsd	Reproducibility %RSD	sR/sr	Average Range (R-bar)	Horwitz %RSD
009.09	5	4	6.4772	0.79768	6.4772	0.79768	0.39884	12.32%	0.73838	0.42682	0.85287	11.40%	6.59%	13.17%	1.9982	0.78044	3.02%
010.03	2	0															
010.11	3	3	12.592	0.24261	12.592	0.24261	0.14007	1.93%	0.20893	0.17440	0.27215	1.66%	1.39%	2.16%	1.5605	0.19667	2.73%
010.99	5	4	11.137	0.74949	11.137	0.74949	0.37474	6.73%	0.74936	0.01980	0.74962	6.73%	0.18%	6.73%	37.861	0.15520	2.78%
011.01	24	22	12.010	0.28062	12.010	0.29402	0.04335	2.45%	0.27225	0.09618	0.28874	2.27%	0.80%	2.40%	3.0021	0.10868	2.75%
011.02	9	8	12.091	0.19889	12.091	0.18376	0.04331	1.52%	0.19126	0.07714	0.20623	1.58%	0.64%	1.71%	2.6736	0.11567	2.75%
011.03	1		12.110														
012.01	2	0															
012.02	1		65.275														
012.03	2	0															
012.04	3	3	59.332	1.6658	59.332	1.6658	0.96177	2.81%	1.6067	0.62216	1.7229	2.71%	1.05%	2.90%	2.7693	0.71667	1.30%
012.11	1		58.070														
013.00	8	8	2.0523	0.18673	2.0350	0.18250	0.04562	8.97%	0.14015	0.17450	0.22381	6.83%	8.50%	10.91%	1.2826	0.17931	3.59%
013.02	24	21	2.0785	0.18094	2.0822	0.17182	0.02533	8.25%	0.16017	0.11905	0.19956	7.71%	5.73%	9.60%	1.6763	0.14558	3.58%
013.12	1		1.8350														
013.13	1		2.5950														
015.41	1		8.2500														
019.31	3	3	0.03117	0.00437	0.03117	0.00437	0.00252	14.02%	0.00432	0.00091	0.00442	13.86%	2.93%	14.17%	4.8374	0.00100	6.74%
019.41	11	9	0.03017	0.00219	0.02959	0.00244	0.00055	8.24%	0.00207	0.00100	0.00230	6.87%	3.31%	7.63%	2.3047	0.00186	6.79%
019.42	4	3	0.03005	0.00886	0.03005	0.00886	0.00512	29.50%	0.00885	0.00069	0.00888	29.45%	2.31%	29.54%	12.790	0.00193	6.78%
019.43	5	4	0.03036	0.00215	0.03036	0.00215	0.00107	7.07%	0.00185	0.00154	0.00241	6.09%	5.08%	7.93%	1.5606	0.00326	6.77%
019.44	4	4	0.02906	0.00174	0.02906	0.00174	0.00087	5.98%	0.00172	0.00035	0.00175	5.91%	1.20%	6.04%	5.0370	0.00033	6.81%
019.52	1		0.03000														
019.53	2	0															
021.43	1		0.01230														
021.52	1		0.00000														
022.31	1		5.3250														
022.41	9	9	5.4488	0.88317	5.4032	0.84520	0.19922	15.64%	0.76344	0.62795	0.98851	14.01%	11.52%	18.14%	1.5742	0.66852	12.41%
022.42	4	3	7.7353	3.7273	7.7353	3.7273	2.1520	48.19%	3.7269	0.08257	3.7278	48.18%	1.07%	48.19%	45.149	0.29800	11.76%
022.43	5	5	4.9342	1.8439	4.9342	1.8439	0.82461	37.37%	1.8365	0.23293	1.8512	37.22%	4.72%	37.52%	7.9477	0.23458	12.58%
022.44	3	3	5.2933	0.03547	5.2933	0.03547	0.02048	0.67%		0.11619			2.20%		0.15333	12.45%	
022.52	2	0															
024.99	3																
025.31	1		27.650														
025.41	12	10	28.321	2.3180	27.409	1.8506	0.39454	6.75%	2.2802	0.58909	2.3551	8.05%	2.08%	8.32%	3.9979	0.87555	9.72%
025.42	3	2	27.030	0.04243	27.030	0.04243	0.03000	0.16%		0.61000			2.26%		13.173	9.74%	
025.43	5	5	27.691	5.0101	27.691	5.0101	2.2406	18.09%	4.7006	2.4520	5.3016	16.98%	8.85%	19.15%	2.1622	2.6385	9.70%
025.52	2	0															
027.31	4	3	0.08738	0.00576	0.08738	0.00576	0.00332	6.59%	0.00508	0.00384	0.00637	5.81%	4.39%	7.28%	1.6574	0.01058	5.77%
027.41	11	11	0.09062	0.00390	0.09062	0.00443	0.00094	4.89%	0.00302	0.00350	0.00462	3.33%	3.86%	5.10%	1.3210	0.00319	5.74%
027.42	4	4	0.09488	0.00743	0.09488	0.00743	0.00372	7.83%	0.00721	0.00252	0.00764	7.60%	2.66%	8.06%	3.0271	0.00275	5.70%
027.43	6	6	0.09432	0.00241	0.09470	0.00186	0.00054	1.97%	0.00021	0.00339	0.00340	0.22%	3.59%	3.60%	1.0019	0.00393	5.70%
027.44	4	3	0.08842	0.00142	0.08842	0.00142	0.00082	1.61%	0.00133	0.00069	0.00150	1.51%	0.78%	1.70%	2.1669	3.7506	5.76%

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027.52	1		0.11000														
027.53	2	0															
028.31	1		10.300														
028.41	9	8	10.461	0.74670	10.490	0.42907	0.10727	4.09%	0.74258	0.11078	0.75079	7.10%	1.06%	7.18%	6.7773	0.12036	11.23%
028.42	4	4	11.036	1.0519	11.036	1.0519	0.52594	9.53%	1.0334	0.27719	1.0700	9.36%	2.51%	9.70%	3.8601	0.33350	11.15%
028.43	5	5	10.387	2.1898	10.387	2.1898	0.97929	21.08%	2.1724	0.38920	2.2070	20.92%	3.75%	21.25%	5.6705	0.47802	11.25%
028.44	3	2	10.500	0.00000	10.500	0.00000	0.00000	0.00%		0.50990			4.86%		0.50000	11.23%	
028.52	2	0															
028.53	1		10.175														
031.01	3	3	0.27300	0.00819	0.27300	0.00819	0.00473	3.00%	0.00757	0.00440	0.00876	2.77%	1.61%	3.21%	1.9914	0.00467	4.86%
031.03	2	0															
031.41	10	9	0.27363	0.01433	0.27256	0.01165	0.00261	4.27%	0.01184	0.01142	0.01645	4.33%	4.17%	6.01%	1.4405	0.01349	4.86%
031.42	5	5	0.25981	0.01098	0.25981	0.01098	0.00491	4.22%	0.00984	0.00688	0.01201	3.79%	2.65%	4.62%	1.7444	0.00790	4.90%
031.43	8	7	0.27441	0.03391	0.28481	0.04121	0.01030	14.47%	0.03288	0.01175	0.03491	11.98%	4.28%	12.72%	2.9718	0.01630	4.83%
031.44	4	4	0.26648	0.00585	0.26648	0.00585	0.00293	2.20%	0.00414	0.00585	0.00717	1.55%	2.19%	2.69%	1.2251	0.00805	4.88%
031.53	1		0.26220														
032.02	1		0.33000														
032.31	3	2	0.31950	0.00354	0.31950	0.00354	0.00250	1.11%		0.00728			2.28%		0.06600	4.75%	
032.41	11	9	0.31614	0.01975	0.32348	0.01427	0.00319	4.41%	0.01816	0.01100	0.02123	5.74%	3.48%	6.72%	1.9294	0.01098	4.74%
032.42	4	4	0.33621	0.00575	0.33621	0.00575	0.00287	1.71%		0.00908			2.70%		0.00828	4.71%	
032.43	5	4	0.34309	0.01965	0.34309	0.01965	0.00982	5.73%	0.01539	0.01728	0.02314	4.49%	5.04%	6.74%	1.3390	0.04642	4.70%
032.44	4	4	0.32585	0.00725	0.32585	0.00725	0.00363	2.23%	0.00601	0.00574	0.00831	1.84%	1.76%	2.55%	1.4476	0.00630	4.74%
032.53	2	0															
032.99	1		0.30150														
033.01	5	5	0.16600	0.02382	0.16600	0.02382	0.01065	14.35%	0.02197	0.01304	0.02554	13.23%	7.85%	15.39%	1.9591	0.01400	5.24%
034.04	1		0.46500														
034.52	1		0.49500														
034.53	1		0.49200														
034.99	3	3	0.47467	0.00451	0.47467	0.00451	0.00260	0.95%		0.01061			2.24%		0.01133	17.90%	
035.31	1		0.01150														
035.41	14	9	0.00821	0.00354	0.00709	0.00165	0.00039	23.34%	0.00353	0.00044	0.00356	43.00%	5.32%	43.33%	8.1448	0.00043	8.42%
035.42	3	3	0.00805	0.00228	0.00805	0.00228	0.00131	28.27%	0.00226	0.00035	0.00229	28.10%	4.33%	28.43%	6.5616	0.00037	8.26%
035.43	5	4	0.00520	0.00023	0.00520	0.00023	0.00011	4.37%		0.00048			9.17%		0.00180	8.83%	
036.04	2	0															
036.42	7	7	0.12971	0.00815	0.12971	0.00925	0.00247	7.13%	0.00741	0.00480	0.00883	5.72%	3.70%	6.81%	1.8415	0.00507	5.44%
036.43	4	3	0.13700	0.01127	0.13700	0.01127	0.00651	8.23%	0.01127	0.00000	0.01127	8.23%	0.00%	8.23%	0.00030	5.39%	
036.53	2	0															
037.31	2	0															
037.41	11	10	29.756	3.1456	29.878	3.2184	0.68617	10.77%	3.0027	1.3255	3.2822	10.09%	4.45%	11.03%	2.4763	1.8343	9.59%
037.42	4	3	28.432	2.8769	28.432	2.8769	1.6610	10.12%	2.8606	0.43253	2.8931	10.06%	1.52%	10.18%	6.6888	6.0875	9.67%
037.43	5	4	34.845	14.491	34.845	14.491	7.2455	41.59%	14.488	0.39370	14.494	41.58%	1.13%	41.59%	36.813	0.84976	9.37%
037.44	3	3	28.883	0.56199	28.883	0.56199	0.32447	1.95%	0.39791	0.56125	0.68799	1.38%	1.94%	2.38%	1.2258	0.76667	9.64%
037.52	2	0															

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038.42	1		0.95000														
038.43	1		0.95000														
038.52	1		1.0500														
038.53	1		1.0350														
040.52	1		1.3000														
041.52	1		0.29000														
042.00	2	0															
042.99	1		0.10000														
101.01	1		1,200.0														
101.02	1		1,280.0														
102.01	3	3	56.183	8.6511	56.183	8.6511	4.9947	15.40%	8.6230	0.98404	8.6790	15.35%	1.75%	15.45%	8.8198	1.1000	8.72%
103.01	1		1.7250														
103.02	2	0															
104.02	2	0															
105.99	2	0															
106.02	3																
107.00	2																
108.99	3																
109.02	3																
112.00	3	2	2.3050	0.06364	2.3050	0.06364	0.04500	2.76%		0.22472			9.75%			46.860	
113.01	3	3	0.23100	0.00917	0.23100	0.00917	0.00529	3.97%	0.00539	0.01049	0.01179	2.33%	4.54%	5.10%	1.1241	0.01267	19.94%
114.01	2	0															
120.00	3	2	0.38528	0.00746	0.38528	0.00746	0.00528	1.94%	0.00746	0.00035	0.00746	1.94%	0.09%	1.94%	21.326	0.00257	4.62%
120.01	3	2	0.39775	0.00318	0.39775	0.00318	0.00225	0.80%	0.00292	0.00180	0.00343	0.73%	0.45%	0.86%	1.9014	0.01167	4.60%
120.99	1		0.38755														
121.00	3	3	0.46403	0.02384	0.46403	0.02384	0.01376	5.14%	0.02349	0.00578	0.02419	5.06%	1.25%	5.21%	4.1859	0.00687	4.49%
121.01	3	3	0.53017	0.02000	0.53017	0.02000	0.01155	3.77%	0.01896	0.00899	0.02099	3.58%	1.70%	3.96%	2.3344	0.01100	4.40%
121.99	1		0.52150														
122.00	3	3	0.64157	0.07211	0.64157	0.07211	0.04163	11.24%	0.07187	0.00835	0.07235	11.20%	1.30%	11.28%	8.6688	0.00847	4.28%
122.01	3	2	0.60000	0.00000	0.60000	0.00000	0.00000	0.00%		0.01005			1.67%			0.00933	4.32%
122.99	1		0.65095														
124.00	3	3	0.23373	0.01761	0.23373	0.01761	0.01017	7.53%	0.01731	0.00459	0.01790	7.40%	1.96%	7.66%	3.9031	0.00573	4.98%
124.01	3	3	0.23517	0.00775	0.23517	0.00775	0.00448	3.30%		0.01445			6.15%			0.01700	4.97%
124.99	1		0.21885														
125.00	3	3	2.6405	0.07607	2.6405	0.07607	0.04392	2.88%	0.07503	0.01771	0.07709	2.84%	0.67%	2.92%	4.3532	0.01873	3.46%
125.01	3	3	2.6300	0.02000	2.6300	0.02000	0.01155	0.76%		0.04472			1.70%			0.05333	3.46%
125.99	1		2.6576														
126.00	3	3	0.37587	0.03108	0.37587	0.03108	0.01795	8.27%	0.03090	0.00476	0.03127	8.22%	1.27%	8.32%	6.5663	0.00540	4.63%
126.01	3	3	0.38067	0.03832	0.38067	0.03832	0.02212	10.07%	0.03668	0.01565	0.03988	9.64%	4.11%	10.48%	2.5480	0.01600	4.63%
126.99	1		0.39410														
127.00	3	2	0.21398	0.02478	0.21398	0.02478	0.01752	11.58%	0.02478	0.00061	0.02479	11.58%	0.29%	11.58%	40.614	0.00390	5.04%
127.01	3	2	0.20500	0.00000	0.20500	0.00000	0.00000	0.00%		0.01030			5.02%			0.01000	5.08%
127.99	1		0.23015														

Method Code	Total # Labs Submitting	# Labs in Method Precision Calcs	Mean	SD	Assigned Value - Robust Mean	AAFCO CS ffp - Robust sd	Uncertainty (U) - Robust	% RSD - Robust	Between Labs sL	Within Labs sr	Reproducibility sR	Between Labs %RSD	Within Labs %rsd	Reproducibility %RSD	sR/sr	Average Range (R-bar)	Horwitz %RSD
128.00	3	3	0.36018	0.02311	0.36018	0.02311	0.01334	6.42%	0.02276	0.00566	0.02346	6.32%	1.57%	6.51%	4.1458	0.00777	4.66%
128.01	3	2	0.38750	0.00071	0.38750	0.00071	0.00050	0.18%		0.00141			0.36%			0.00800	4.61%
128.99	1		0.39720														
129.00	3	3	0.70482	0.02762	0.70482	0.02762	0.01594	3.92%	0.02745	0.00429	0.02778	3.89%	0.61%	3.94%	6.4811	0.00483	4.22%
129.01	3	3	0.73917	0.01654	0.73917	0.01654	0.00955	2.24%	0.01401	0.01244	0.01873	1.89%	1.68%	2.53%	1.5056	0.01233	4.19%
129.99	1		0.77800														
130.00	3	2	0.39965	0.11717	0.39965	0.11717	0.08285	29.32%	0.11715	0.00251	0.11718	29.31%	0.63%	29.32%	46.723	0.01847	4.59%
130.01	3	3	0.31083	0.04592	0.31083	0.04592	0.02651	14.77%	0.04580	0.00464	0.04604	14.74%	1.49%	14.81%	9.9284	0.00567	4.77%
130.05	1		0.34900														
130.99	1		0.34905														
131.00	3	3	0.16495	0.01331	0.16495	0.01331	0.00769	8.07%	0.01281	0.00515	0.01380	7.76%	3.12%	8.37%	2.6790	0.00590	5.25%
131.01	3	3	0.17767	0.00252	0.17767	0.00252	0.00145	1.42%		0.00483			2.72%			0.00600	5.19%
131.05	1		0.14800														
131.99	1		0.11070														
132.00	3	2	0.55918	0.04642	0.55918	0.04642	0.03283	8.30%	0.04642	0.00045	0.04642	8.30%	0.08%	8.30%	103.16	0.00697	4.37%
132.01	3	3	0.57533	0.01279	0.57533	0.01279	0.00738	2.22%	0.01123	0.00866	0.01418	1.95%	1.51%	2.46%	1.6374	0.00933	4.35%
132.99	1		0.59555														
133.00	3	3	1.2111	0.04436	1.2111	0.04436	0.02561	3.66%	0.03967	0.02808	0.04860	3.28%	2.32%	4.01%	1.7306	0.03413	3.89%
133.04	1		1.2150														
133.99	3	3	1.2599	0.03108	1.2599	0.03108	0.01795	2.47%		0.07364			5.85%			0.10170	3.86%
134.00	3	3	0.44242	0.01184	0.44242	0.01184	0.00683	2.68%	0.01144	0.00432	0.01223	2.59%	0.98%	2.76%	2.8311	0.00477	4.52%
134.01	3	3	0.44400	0.02117	0.44400	0.02117	0.01222	4.77%	0.01962	0.01122	0.02261	4.42%	2.53%	5.09%	2.0138	0.01533	4.52%
134.99	1		0.46065														
135.00	3	3	0.35253	0.01221	0.35253	0.01221	0.00705	3.46%	0.01185	0.00417	0.01256	3.36%	1.18%	3.56%	3.0116	0.00420	4.68%
135.01	3	3	0.35333	0.00597	0.35333	0.00597	0.00344	1.69%	0.00119	0.00827	0.00835	0.34%	2.34%	2.36%	1.0103	0.00800	4.68%
135.05	1		0.34300														
135.99	1		0.36245														
136.00	2	0															
136.99	3	3	0.13983	0.00729	0.13983	0.00729	0.00421	5.21%	0.00653	0.00456	0.00797	4.67%	3.26%	5.70%	1.7459	0.00500	5.38%
137.00	3	3	0.24222	0.07016	0.24222	0.07016	0.04051	28.97%	0.07012	0.00345	0.07020	28.95%	1.42%	28.98%	20.349	0.00363	4.95%
137.01	3	3	0.37217	0.01495	0.37217	0.01495	0.00863	4.02%	0.01250	0.01161	0.01706	3.36%	3.12%	4.58%	1.4691	0.01567	4.64%
137.99	1		0.39975														
138.00	3	3	0.50858	0.02573	0.50858	0.02573	0.01486	5.06%	0.02539	0.00589	0.02607	4.99%	1.16%	5.13%	4.4292	0.00803	4.43%
138.01	3	3	0.51617	0.00601	0.51617	0.00601	0.00347	1.16%		0.00880			1.71%			0.00967	4.42%
138.99	1		0.54770														
139.00	2																
139.01	1		0.00000														
160.99	3																
161.99	3																
162.99	3																
163.99	3																
164.99	3	2	0.12000	0.02828	0.12000	0.02828	0.02000	23.57%	0.02828	0.00000	0.02828	23.57%	0.00%	23.57%		0.03767	5.50%
165.99	3	2	0.55150	0.06859	0.55150	0.06859	0.04850	12.44%	0.06857	0.00200	0.06860	12.43%	0.36%	12.44%	34.302	0.01467	4.37%

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400.99	1		0.55250														
516.42	1		0.00000														
516.43	1		0.07165														
516.52	1		0.00000														
518.42	1		0.00000														
518.43	1		0.01650														
518.52	1		0.00000														
520.43	1		0.13735														
520.52	1		0.20500														
526.43	1		0.05900														
526.52	1		0.06750														
526.53	1		0.03235														
529.99	1		0.00000														
539.43	1		0.06380														
539.52	1		0.15500														