

AAFCO Check Sample Program

Methods Report

Sort by Method

Proficiency For Individual Methods

Sample # 201032

Chicken Starter/Grower, 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 sI | Reproducibility sR | Between Labs %RSD | Within Labs %rsd | Reproducibility %RSD | sR/sr | Average Range (R-bar) |
|-------------|-------------------------|---------------------------------|--------|---------|------------------------------|--------------------------|-----------------|--------|-----------------|----------------|--------------------|-------------------|------------------|----------------------|--------|-----------------------|
| 001.00 | 10 | 7 | 10.627 | 0.33819 | 10.708 | 0.21541 | 0.05757 | 2.01% | 0.33749 | 0.03082 | 0.33889 | 3.18% | 0.29% | 3.19% | 10.995 | 0.03871 |
| 001.03 | 5 | 5 | 10.770 | 0.40044 | 10.770 | 0.40044 | 0.12663 | 3.72% | 0.39371 | 0.10334 | 0.40705 | 3.66% | 0.96% | 3.78% | 3.9388 | 0.14000 |
| 001.05 | 1 | | 10.800 | | | | | | | | | | | | | |
| 001.07 | 35 | 32 | 10.886 | 0.26864 | 10.903 | 0.22145 | 0.02768 | 2.03% | 0.26008 | 0.09513 | 0.27693 | 2.39% | 0.87% | 2.54% | 2.9111 | 0.09750 |
| 001.08 | 1 | | 10.725 | | | | | | | | | | | | | |
| 001.99 | 15 | 13 | 10.873 | 0.43525 | 10.915 | 0.39464 | 0.07740 | 3.62% | 0.42363 | 0.14127 | 0.44657 | 3.90% | 1.30% | 4.11% | 3.1611 | 0.11462 |
| 002.00 | 5 | 5 | 17.172 | 0.16476 | 17.172 | 0.16476 | 0.05210 | 0.96% | 0.15618 | 0.07424 | 0.17292 | 0.91% | 0.43% | 1.01% | 2.3292 | 0.08758 |
| 002.01 | 11 | 11 | 16.880 | 0.15898 | 16.868 | 0.15079 | 0.03215 | 0.89% | 0.15597 | 0.04351 | 0.16193 | 0.92% | 0.26% | 0.96% | 3.7216 | 0.05045 |
| 002.02 | 8 | 8 | 17.039 | 0.44836 | 16.948 | 0.31392 | 0.07848 | 1.85% | 0.29820 | 0.47351 | 0.55958 | 1.75% | 2.78% | 3.28% | 1.1818 | 0.38595 |
| 002.03 | 1 | | 18.385 | | | | | | | | | | | | | |
| 002.04 | 6 | 6 | 17.716 | 1.2175 | 17.324 | 0.41438 | 0.11962 | 2.39% | 1.2158 | 0.09115 | 1.2192 | 6.86% | 0.51% | 6.88% | 13.376 | 0.11167 |
| 002.05 | 18 | 18 | 17.119 | 0.32394 | 17.098 | 0.31180 | 0.05197 | 1.82% | 0.31496 | 0.10715 | 0.33269 | 1.84% | 0.63% | 1.94% | 3.1048 | 0.11742 |
| 002.06 | 206 | 134 | 17.203 | 0.32151 | 17.180 | 0.27306 | 0.01668 | 1.59% | 0.30657 | 0.13699 | 0.33578 | 1.78% | 0.80% | 1.95% | 2.4512 | 0.14459 |
| 002.08 | 2 | 2 | 16.880 | 0.31113 | | | | | | | | | | | | |
| 002.10 | 7 | 6 | 16.902 | 0.61586 | 16.902 | 0.69838 | 0.20161 | 4.13% | 0.45441 | 0.58785 | 0.74301 | 2.69% | 3.48% | 4.40% | 1.2639 | 0.39217 |
| 002.11 | 10 | 10 | 17.162 | 0.82796 | 17.187 | 0.88839 | 0.19865 | 5.17% | 0.82581 | 0.08434 | 0.83011 | 4.81% | 0.49% | 4.84% | 9.8424 | 0.09370 |
| 002.99 | 2 | 2 | 17.478 | 0.63993 | | | | | | | | | | | | |
| 003.00 | 24 | 24 | 3.7688 | 0.47737 | 3.7772 | 0.21251 | 0.03067 | 5.63% | 0.46938 | 0.12302 | 0.48524 | 12.45% | 3.26% | 12.88% | 3.9442 | 0.12691 |
| 003.01 | 1 | | 3.6550 | | | | | | | | | | | | | |
| 003.06 | 18 | 16 | 3.6259 | 0.11457 | 3.6352 | 0.10910 | 0.01929 | 3.00% | 0.10209 | 0.07355 | 0.12583 | 2.82% | 2.03% | 3.47% | 1.7108 | 0.07313 |
| 003.09 | 25 | 24 | 3.7154 | 0.16664 | 3.6919 | 0.13542 | 0.01955 | 3.67% | 0.15946 | 0.06841 | 0.17352 | 4.29% | 1.84% | 4.67% | 2.5364 | 0.05759 |
| 003.10 | 33 | 32 | 3.6473 | 0.13216 | 3.6444 | 0.11891 | 0.01486 | 3.26% | 0.12690 | 0.05219 | 0.13722 | 3.48% | 1.43% | 3.76% | 2.6291 | 0.05194 |
| 003.11 | 10 | 10 | 3.5489 | 0.32234 | 3.5609 | 0.33371 | 0.07462 | 9.37% | 0.32139 | 0.03492 | 0.32328 | 9.06% | 0.98% | 9.11% | 9.2585 | 0.03880 |
| 003.12 | 3 | 3 | 3.8800 | 0.42163 | 3.8800 | 0.42163 | 0.17213 | 10.87% | 0.42015 | 0.05000 | 0.42311 | 10.83% | 1.29% | 10.90% | 8.4623 | 0.06667 |
| 003.13 | 6 | 5 | 3.6561 | 0.09846 | 3.6561 | 0.09846 | 0.03113 | 2.69% | 0.09502 | 0.03644 | 0.10177 | 2.60% | 1.00% | 2.78% | 2.7926 | 0.04380 |
| 003.14 | 21 | 20 | 3.6090 | 0.22723 | 3.6061 | 0.25034 | 0.03958 | 6.94% | 0.22054 | 0.07741 | 0.23373 | 6.11% | 2.14% | 6.48% | 3.0193 | 0.08954 |
| 003.99 | 10 | 9 | 3.9133 | 0.53531 | 3.8593 | 0.47317 | 0.11153 | 12.26% | 0.49984 | 0.27099 | 0.56857 | 12.77% | 6.92% | 14.53% | 2.0982 | 0.27111 |

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|-------------|-------------------------|---------------------------------|--------|---------|------------------------------|---------------------------|-----------------|--------|-----------------|----------------|--------------------|-------------------|-------------------|----------------------|--------|-----------------------|
| 004.00 | 23 | 22 | 3.9152 | 0.31347 | 3.9198 | 0.32123 | 0.04843 | 8.20% | 0.30877 | 0.07650 | 0.31811 | 7.89% | 1.95% | 8.12% | 4.1582 | 0.08500 |
| 004.01 | 2 | 2 | 4.3900 | 0.43841 | | | | | | | | | | | | |
| 004.03 | 2 | 2 | 4.6225 | 0.40659 | | | | | | | | | | | | |
| 004.06 | 29 | 27 | 4.2277 | 0.48658 | 4.1497 | 0.33689 | 0.04585 | 8.12% | 0.48464 | 0.06147 | 0.48852 | 11.46% | 1.45% | 11.56% | 7.9474 | 0.06045 |
| 004.07 | 48 | 47 | 3.7315 | 0.37447 | 3.7375 | 0.34680 | 0.03577 | 9.28% | 0.35615 | 0.16361 | 0.39193 | 9.54% | 4.38% | 10.50% | 2.3956 | 0.15306 |
| 004.11 | 8 | 8 | 4.1759 | 0.51916 | 4.0856 | 0.36359 | 0.09090 | 8.90% | 0.51677 | 0.07035 | 0.52154 | 12.38% | 1.68% | 12.49% | 7.4139 | 0.06550 |
| 004.99 | 3 | 3 | 3.6583 | 0.89082 | 3.6583 | 0.89082 | 0.36368 | 24.35% | 0.89001 | 0.05370 | 0.89163 | 24.33% | 1.47% | 24.37% | 16.605 | 0.05000 |
| 005.00 | 174 | 114 | 5.6531 | 0.18419 | 5.6618 | 0.18434 | 0.01221 | 3.26% | 0.17524 | 0.08020 | 0.19272 | 3.10% | 1.42% | 3.41% | 2.4030 | 0.07654 |
| 005.02 | 1 | | 5.8350 | | | | | | | | | | | | | |
| 005.05 | 12 | 12 | 5.6684 | 0.21172 | 5.6813 | 0.21471 | 0.04383 | 3.78% | 0.20772 | 0.05796 | 0.21565 | 3.66% | 1.02% | 3.80% | 3.7204 | 0.06383 |
| 005.11 | 6 | 6 | 5.4950 | 0.68770 | 5.6754 | 0.33231 | 0.09593 | 5.86% | 0.67824 | 0.16073 | 0.69703 | 12.34% | 2.92% | 12.68% | 4.3367 | 0.17000 |
| 005.99 | 12 | 11 | 5.9200 | 0.95647 | 5.7254 | 0.25559 | 0.05449 | 4.46% | 0.95197 | 0.13115 | 0.96096 | 16.08% | 2.22% | 16.23% | 7.3272 | 0.12000 |
| 008.02 | 11 | 11 | 5.4668 | 0.57365 | 5.3594 | 0.22809 | 0.04863 | 4.26% | 0.55452 | 0.20773 | 0.59215 | 10.14% | 3.80% | 10.83% | 2.8507 | 0.20091 |
| 008.05 | 1 | | 5.5000 | | | | | | | | | | | | | |
| 008.08 | 26 | 25 | 5.1905 | 0.44437 | 5.1937 | 0.41999 | 0.05940 | 8.09% | 0.41262 | 0.23328 | 0.47400 | 7.95% | 4.49% | 9.13% | 2.0319 | 0.23902 |
| 008.99 | 2 | 2 | 6.4850 | 0.09192 | | | | | | | | | | | | |
| 009.07 | 9 | 9 | 13.717 | 1.1235 | 13.635 | 0.82542 | 0.19455 | 6.05% | 1.0494 | 0.56769 | 1.1931 | 7.65% | 4.14% | 8.70% | 2.1016 | 0.51556 |
| 009.09 | 21 | 21 | 12.613 | 0.64577 | 12.574 | 0.64313 | 0.09924 | 5.11% | 0.60064 | 0.33544 | 0.68796 | 4.76% | 2.66% | 5.45% | 2.0509 | 0.33652 |
| 009.99 | 3 | 3 | 15.247 | 1.1275 | 15.247 | 1.1275 | 0.46030 | 7.40% | 1.1095 | 0.28361 | 1.1452 | 7.28% | 1.86% | 7.51% | 4.0380 | 0.38000 |
| 010.03 | 3 | 3 | 8.5017 | 3.8845 | 8.5017 | 3.8845 | 1.5858 | 45.69% | 3.0886 | 3.3315 | 4.5430 | 36.33% | 39.19% | 53.44% | 1.3636 | 2.7567 |
| 010.11 | 8 | 7 | 10.957 | 0.46730 | 10.957 | 0.52992 | 0.14163 | 4.84% | 0.44759 | 0.18993 | 0.48622 | 4.09% | 1.73% | 4.44% | 2.5600 | 0.17557 |
| 010.99 | 13 | 13 | 10.844 | 0.75402 | 10.812 | 0.71370 | 0.13997 | 6.60% | 0.73876 | 0.21345 | 0.76898 | 6.81% | 1.97% | 7.09% | 3.6026 | 0.20738 |
| 011.01 | 148 | 80 | 11.453 | 0.31851 | 11.472 | 0.30377 | 0.02402 | 2.65% | 0.31248 | 0.08724 | 0.32443 | 2.73% | 0.76% | 2.83% | 3.7189 | 0.09021 |
| 011.02 | 1 | | 11.085 | | | | | | | | | | | | | |
| 011.99 | 2 | 2 | 10.368 | 1.5309 | | | | | | | | | | | | |
| 012.00 | 7 | 7 | 36.716 | 9.8615 | 40.135 | 0.80069 | 0.21399 | 1.99% | 9.8591 | 0.30764 | 9.8639 | 26.85% | 0.84% | 26.87% | 32.063 | 0.37429 |
| 012.01 | 1 | | 37.525 | | | | | | | | | | | | | |
| 012.03 | 3 | 3 | 37.382 | 1.0273 | 37.382 | 1.0273 | 0.41939 | 2.75% | 1.0144 | 0.22967 | 1.0400 | 2.71% | 0.61% | 2.78% | 4.5283 | 0.30333 |
| 012.04 | 4 | 4 | 38.619 | 3.8341 | 38.619 | 3.8341 | 1.3556 | 9.93% | 3.8306 | 0.23305 | 3.8377 | 9.92% | 0.60% | 9.94% | 16.467 | 0.25250 |
| 012.11 | 2 | 2 | 38.025 | 1.2021 | | | | | | | | | | | | |
| 013.00 | 10 | 9 | 4.4533 | 0.68101 | 4.4567 | 0.76570 | 0.18048 | 17.18% | 0.67817 | 0.08781 | 0.68384 | 15.23% | 1.97% | 15.36% | 7.7874 | 0.09778 |
| 013.02 | 88 | 31 | 4.8446 | 0.37168 | 4.8416 | 0.39462 | 0.05012 | 8.15% | 0.35444 | 0.15821 | 0.38815 | 7.32% | 3.27% | 8.01% | 2.4534 | 0.16139 |
| 013.03 | 1 | | 4.9400 | | | | | | | | | | | | | |
| 013.10 | 14 | 13 | 4.2948 | 0.34867 | 4.3529 | 0.20845 | 0.04088 | 4.79% | 0.32787 | 0.16774 | 0.36829 | 7.63% | 3.91% | 8.58% | 2.1956 | 0.17962 |
| 013.11 | 3 | 3 | 8.2600 | 7.5698 | 8.2600 | 7.5698 | 3.0903 | 91.64% | 7.5697 | 0.04397 | 7.5698 | 91.64% | 0.53% | 91.64% | 172.16 | 0.04667 |
| 013.13 | 1 | | 4.7300 | | | | | | | | | | | | | |
| 015.41 | 4 | 4 | 143.25 | 22.998 | 143.25 | 22.998 | 8.1312 | 16.06% | 21.775 | 10.468 | 24.160 | 15.20% | 7.31% | 16.87% | 2.3080 | 10.758 |
| 015.42 | 1 | | 160.00 | | | | | | | | | | | | | |

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|-------------|-------------------------|---------------------------------|---------|---------|------------------------------|---------------------------|-----------------|--------|-----------------|----------------|--------------------|-------------------|-------------------|----------------------|--------|-----------------------|
| 015.43 | 3 | 3 | 171.63 | 46.775 | 171.63 | 46.775 | 19.096 | 27.25% | 46.477 | 7.4498 | 47.071 | 27.08% | 4.34% | 27.43% | 6.3184 | 9.6667 |
| 015.52 | 1 | | 200.87 | | | | | | | | | | | | | |
| 017.31 | 1 | | 7.9500 | | | | | | | | | | | | | |
| 017.41 | 2 | 2 | 10.643 | 1.6440 | | | | | | | | | | | | |
| 017.42 | 3 | 3 | 9.8067 | 0.19732 | 9.8067 | 0.19732 | 0.08055 | 2.01% | | 0.34458 | | | 3.51% | | | 0.47333 |
| 017.43 | 3 | 3 | 9.7133 | 2.1727 | 9.7133 | 2.1727 | 0.88700 | 22.37% | 2.1372 | 0.55311 | 2.2076 | 22.00% | 5.69% | 22.73% | 3.9913 | 0.62000 |
| 018.41 | 1 | | 0.10675 | | | | | | | | | | | | | |
| 018.52 | 1 | | 0.10900 | | | | | | | | | | | | | |
| 019.00 | 12 | 11 | 1.0336 | 0.09470 | 1.0243 | 0.07617 | 0.01624 | 7.44% | 0.09299 | 0.02527 | 0.09637 | 9.00% | 2.44% | 9.32% | 3.8137 | 0.02173 |
| 019.02 | 1 | | 0.99000 | | | | | | | | | | | | | |
| 019.03 | 5 | 5 | 1.0077 | 0.02777 | 1.0077 | 0.02777 | 0.00878 | 2.76% | | 0.04495 | | | 4.46% | | | 0.04418 |
| 019.08 | 9 | 9 | 0.93683 | 0.21095 | 1.0237 | 0.03622 | 0.00854 | 3.54% | 0.21003 | 0.02781 | 0.21186 | 22.42% | 2.97% | 22.61% | 7.6171 | 0.03278 |
| 019.31 | 28 | 27 | 1.0001 | 0.07890 | 1.0001 | 0.04315 | 0.00587 | 4.32% | 0.07799 | 0.01694 | 0.07981 | 7.80% | 1.69% | 7.98% | 4.7109 | 0.01875 |
| 019.32 | 9 | 8 | 0.97926 | 0.03266 | 0.98446 | 0.02431 | 0.00608 | 2.47% | 0.03233 | 0.00652 | 0.03298 | 3.30% | 0.67% | 3.37% | 5.0624 | 0.00661 |
| 019.33 | 2 | 2 | 1.0295 | 0.04313 | | | | | | | | | | | | |
| 019.41 | 41 | 40 | 1.0084 | 0.06328 | 1.0029 | 0.04185 | 0.00468 | 4.17% | 0.06166 | 0.02012 | 0.06486 | 6.11% | 2.00% | 6.43% | 3.2229 | 0.01833 |
| 019.42 | 21 | 21 | 1.0182 | 0.04980 | 1.0171 | 0.04954 | 0.00764 | 4.87% | 0.04683 | 0.02397 | 0.05261 | 4.60% | 2.35% | 5.17% | 2.1945 | 0.02370 |
| 019.43 | 12 | 11 | 1.0076 | 0.03011 | 1.0083 | 0.03270 | 0.00697 | 3.24% | 0.02941 | 0.00918 | 0.03081 | 2.92% | 0.91% | 3.06% | 3.3557 | 0.01045 |
| 019.52 | 1 | | 1.0607 | | | | | | | | | | | | | |
| 019.53 | 1 | | 1.0140 | | | | | | | | | | | | | |
| 019.99 | 4 | 4 | 1.2513 | 0.29150 | 1.2513 | 0.29150 | 0.10306 | 23.30% | 0.29089 | 0.02669 | 0.29211 | 23.25% | 2.13% | 23.35% | 10.944 | 0.03250 |
| 020.31 | 1 | | 2.5000 | | | | | | | | | | | | | |
| 020.32 | 1 | | 3.2712 | | | | | | | | | | | | | |
| 020.41 | 2 | 2 | 2.7738 | 0.39068 | | | | | | | | | | | | |
| 020.42 | 1 | | 2.3450 | | | | | | | | | | | | | |
| 020.43 | 3 | 3 | 3.4317 | 0.31410 | 3.4317 | 0.31410 | 0.12823 | 9.15% | 0.30466 | 0.10809 | 0.32326 | 8.88% | 3.15% | 9.42% | 2.9907 | 0.11000 |
| 020.52 | 1 | | 4.3040 | | | | | | | | | | | | | |
| 020.99 | 1 | | 2.4750 | | | | | | | | | | | | | |
| 021.31 | 1 | | 2.0000 | | | | | | | | | | | | | |
| 021.32 | 1 | | 1.5857 | | | | | | | | | | | | | |
| 021.33 | 1 | | 0.46900 | | | | | | | | | | | | | |
| 021.41 | 2 | 2 | 0.78250 | 0.23688 | | | | | | | | | | | | |
| 021.42 | 2 | 2 | 0.42075 | 0.09723 | | | | | | | | | | | | |
| 021.43 | 3 | 3 | 0.88500 | 0.26665 | 0.88500 | 0.26665 | 0.10886 | 30.13% | 0.26597 | 0.02677 | 0.26732 | 30.05% | 3.02% | 30.21% | 9.9855 | 0.03667 |
| 021.52 | 1 | | 0.58650 | | | | | | | | | | | | | |
| 022.31 | 15 | 15 | 14.777 | 2.2441 | 14.452 | 0.91475 | 0.16701 | 6.33% | 2.1127 | 1.0701 | 2.3682 | 14.30% | 7.24% | 16.03% | 2.2131 | 0.94467 |
| 022.32 | 3 | 3 | 15.421 | 0.80627 | 15.421 | 0.80627 | 0.32916 | 5.23% | 0.65792 | 0.65911 | 0.93128 | 4.27% | 4.27% | 6.04% | 1.4129 | 0.75583 |
| 022.41 | 31 | 30 | 13.439 | 1.3828 | 13.410 | 1.0096 | 0.13034 | 7.53% | 1.2663 | 0.78588 | 1.4903 | 9.42% | 5.85% | 11.09% | 1.8964 | 0.69687 |

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|-------------|-------------------------|---------------------------------|---------|---------|------------------------------|--------------------------|-----------------|--------|-----------------|----------------|--------------------|-------------------|-------------------|----------------------|--------|-----------------------|
| 022.42 | 22 | 21 | 13.772 | 2.1629 | 13.363 | 1.4030 | 0.21648 | 10.50% | 2.1190 | 0.61364 | 2.2060 | 15.39% | 4.46% | 16.02% | 3.5950 | 0.58095 |
| 022.43 | 12 | 12 | 13.824 | 2.3253 | 13.513 | 0.69065 | 0.14098 | 5.11% | 2.2245 | 0.95766 | 2.4219 | 16.09% | 6.93% | 17.52% | 2.5290 | 1.0545 |
| 022.52 | 1 | | 12.477 | | | | | | | | | | | | | |
| 022.53 | 1 | | 13.150 | | | | | | | | | | | | | |
| 022.99 | 1 | | 31.000 | | | | | | | | | | | | | |
| 025.31 | 13 | 13 | 233.65 | 12.063 | 231.28 | 8.1327 | 1.5950 | 3.52% | 10.969 | 7.0988 | 13.065 | 4.69% | 3.04% | 5.59% | 1.8405 | 8.2331 |
| 025.32 | 2 | 2 | 235.78 | 11.703 | | | | | | | | | | | | |
| 025.41 | 27 | 26 | 227.07 | 21.943 | 226.99 | 10.865 | 1.5067 | 4.79% | 21.686 | 4.7361 | 22.197 | 9.55% | 2.09% | 9.78% | 4.6868 | 4.7017 |
| 025.42 | 18 | 18 | 225.26 | 12.771 | 225.09 | 14.155 | 2.3592 | 6.29% | 11.647 | 7.4090 | 13.804 | 5.17% | 3.29% | 6.13% | 1.8631 | 7.5356 |
| 025.43 | 10 | 10 | 236.67 | 37.188 | 234.22 | 21.626 | 4.8356 | 9.23% | 37.022 | 4.9642 | 37.354 | 15.64% | 2.10% | 15.78% | 7.5247 | 5.5760 |
| 025.52 | 1 | | 229.29 | | | | | | | | | | | | | |
| 025.99 | 1 | | 381.00 | | | | | | | | | | | | | |
| 026.34 | 1 | | 0.00000 | | | | | | | | | | | | | |
| 026.52 | 1 | | 0.08850 | | | | | | | | | | | | | |
| 027.31 | 15 | 14 | 0.20354 | 0.01453 | 0.20090 | 0.00767 | 0.00145 | 3.82% | 0.01431 | 0.00359 | 0.01475 | 7.03% | 1.76% | 7.25% | 4.1067 | 0.00346 |
| 027.32 | 5 | 5 | 0.20453 | 0.01068 | 0.20453 | 0.01068 | 0.00338 | 5.22% | 0.01010 | 0.00487 | 0.01122 | 4.94% | 2.38% | 5.48% | 2.3031 | 0.00522 |
| 027.41 | 30 | 29 | 0.20856 | 0.02304 | 0.20331 | 0.01349 | 0.00177 | 6.64% | 0.02265 | 0.00598 | 0.02342 | 10.86% | 2.87% | 11.23% | 3.9179 | 0.00546 |
| 027.42 | 19 | 18 | 0.20188 | 0.01068 | 0.20038 | 0.00654 | 0.00109 | 3.26% | 0.01029 | 0.00406 | 0.01106 | 5.10% | 2.01% | 5.48% | 2.7238 | 0.00411 |
| 027.43 | 9 | 9 | 0.20248 | 0.01136 | 0.20066 | 0.00852 | 0.00201 | 4.25% | 0.01059 | 0.00583 | 0.01209 | 5.23% | 2.88% | 5.97% | 2.0723 | 0.00546 |
| 027.52 | 1 | | 0.19415 | | | | | | | | | | | | | |
| 027.53 | 1 | | 0.20000 | | | | | | | | | | | | | |
| 027.99 | 1 | | 0.38500 | | | | | | | | | | | | | |
| 028.31 | 15 | 15 | 91.229 | 10.424 | 92.077 | 9.7272 | 1.7759 | 10.56% | 10.303 | 2.2347 | 10.543 | 11.29% | 2.45% | 11.56% | 4.7178 | 2.2467 |
| 028.32 | 3 | 3 | 98.015 | 3.4315 | 98.015 | 3.4315 | 1.4009 | 3.50% | 3.3394 | 1.1169 | 3.5212 | 3.41% | 1.14% | 3.59% | 3.1527 | 1.4820 |
| 028.41 | 30 | 29 | 96.534 | 6.8403 | 95.940 | 3.9014 | 0.51228 | 4.07% | 6.3232 | 3.6896 | 7.3209 | 6.55% | 3.82% | 7.58% | 1.9842 | 3.5201 |
| 028.42 | 20 | 19 | 98.638 | 6.6914 | 98.517 | 5.6918 | 0.92333 | 5.78% | 6.1761 | 3.6414 | 7.1697 | 6.26% | 3.69% | 7.27% | 1.9689 | 3.8084 |
| 028.43 | 12 | 11 | 101.25 | 6.2373 | 100.77 | 6.1292 | 1.3067 | 6.08% | 5.7940 | 3.2662 | 6.6512 | 5.72% | 3.23% | 6.57% | 2.0364 | 3.2144 |
| 028.52 | 1 | | 83.835 | | | | | | | | | | | | | |
| 028.53 | 1 | | 93.200 | | | | | | | | | | | | | |
| 029.99 | 1 | | 0.05445 | | | | | | | | | | | | | |
| 031.01 | 53 | 51 | 0.75630 | 0.05260 | 0.75507 | 0.02708 | 0.00268 | 3.59% | 0.05201 | 0.01113 | 0.05319 | 6.88% | 1.47% | 7.03% | 4.7781 | 0.01147 |
| 031.02 | 2 | 2 | 0.75003 | 0.01411 | | | | | | | | | | | | |
| 031.03 | 7 | 7 | 0.75231 | 0.02011 | 0.75231 | 0.02281 | 0.00610 | 3.03% | 0.01212 | 0.02269 | 0.02573 | 1.61% | 3.02% | 3.42% | 1.1338 | 0.02337 |
| 031.06 | 4 | 4 | 0.69500 | 0.11754 | 0.69500 | 0.11754 | 0.04156 | 16.91% | 0.11728 | 0.01118 | 0.11781 | 16.87% | 1.61% | 16.95% | 10.537 | 0.01500 |
| 031.41 | 38 | 37 | 0.75708 | 0.05360 | 0.75554 | 0.03222 | 0.00375 | 4.26% | 0.05046 | 0.02560 | 0.05658 | 6.66% | 3.38% | 7.47% | 2.2101 | 0.02041 |
| 031.42 | 21 | 20 | 0.76004 | 0.02744 | 0.75804 | 0.02131 | 0.00337 | 2.81% | 0.02389 | 0.01910 | 0.03058 | 3.14% | 2.51% | 4.02% | 1.6015 | 0.02152 |
| 031.43 | 13 | 12 | 0.75191 | 0.03581 | 0.75379 | 0.02922 | 0.00597 | 3.88% | 0.03488 | 0.01148 | 0.03672 | 4.64% | 1.53% | 4.88% | 3.1987 | 0.01386 |
| 031.52 | 1 | | 0.70865 | | | | | | | | | | | | | |

| 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) |
|-------------|-------------------------|---------------------------------|---------|---------|------------------------------|---------------------------|-----------------|--------|-----------------|----------------|--------------------|-------------------|-------------------|----------------------|--------|-----------------------|
| 031.53 | 1 | | 0.76750 | | | | | | | | | | | | | |
| 031.99 | 6 | 6 | 0.75583 | 0.11377 | 0.74833 | 0.03529 | 0.01019 | 4.72% | 0.11324 | 0.01555 | 0.11430 | 14.98% | 2.06% | 15.12% | 7.3527 | 0.01833 |
| 032.02 | 6 | 6 | 0.93067 | 0.09341 | 0.91917 | 0.04954 | 0.01430 | 5.39% | 0.08647 | 0.04995 | 0.09986 | 9.29% | 5.37% | 10.73% | 1.9991 | 0.04533 |
| 032.31 | 14 | 14 | 0.88057 | 0.06392 | 0.88071 | 0.05655 | 0.01069 | 6.42% | 0.06232 | 0.02007 | 0.06547 | 7.08% | 2.28% | 7.44% | 3.2629 | 0.02086 |
| 032.32 | 3 | 3 | 0.89333 | 0.00289 | 0.89333 | 0.00289 | 0.00118 | 0.32% | | 0.02887 | | | 3.23% | | | 0.02667 |
| 032.41 | 30 | 29 | 0.88492 | 0.07486 | 0.88565 | 0.04131 | 0.00542 | 4.66% | 0.07349 | 0.02020 | 0.07621 | 8.30% | 2.28% | 8.61% | 3.7732 | 0.02283 |
| 032.42 | 20 | 20 | 0.90572 | 0.04235 | 0.90528 | 0.03873 | 0.00612 | 4.28% | 0.04057 | 0.01721 | 0.04406 | 4.48% | 1.90% | 4.87% | 2.5606 | 0.01623 |
| 032.43 | 9 | 9 | 0.89351 | 0.12791 | 0.92274 | 0.06183 | 0.01457 | 6.70% | 0.12635 | 0.02818 | 0.12945 | 14.14% | 3.15% | 14.49% | 4.5938 | 0.03244 |
| 032.52 | 1 | | 0.95375 | | | | | | | | | | | | | |
| 032.53 | 1 | | 0.98100 | | | | | | | | | | | | | |
| 032.99 | 3 | 3 | 1.0550 | 0.26889 | 1.0550 | 0.26889 | 0.10977 | 25.49% | 0.26872 | 0.01354 | 0.26906 | 25.47% | 1.28% | 25.50% | 19.871 | 0.01667 |
| 033.00 | 23 | 22 | 0.36435 | 0.06092 | 0.35734 | 0.04964 | 0.00748 | 13.89% | 0.05762 | 0.02797 | 0.06405 | 15.81% | 7.68% | 17.58% | 2.2897 | 0.02448 |
| 033.01 | 38 | 37 | 0.41086 | 0.03175 | 0.40277 | 0.01676 | 0.00195 | 4.16% | 0.03105 | 0.00943 | 0.03245 | 7.56% | 2.29% | 7.90% | 3.4417 | 0.00836 |
| 033.03 | 8 | 8 | 0.37000 | 0.03059 | 0.36379 | 0.01795 | 0.00449 | 4.93% | 0.02701 | 0.02031 | 0.03379 | 7.30% | 5.49% | 9.13% | 1.6639 | 0.02000 |
| 033.05 | 3 | 3 | 0.36833 | 0.01528 | 0.36833 | 0.01528 | 0.00624 | 4.15% | 0.01471 | 0.00583 | 0.01582 | 3.99% | 1.58% | 4.30% | 2.7134 | 0.00733 |
| 033.99 | 8 | 8 | 0.36296 | 0.02426 | 0.35995 | 0.02212 | 0.00553 | 6.14% | 0.02401 | 0.00492 | 0.02451 | 6.62% | 1.36% | 6.75% | 4.9810 | 0.00540 |
| 034.01 | 1 | | 0.49650 | | | | | | | | | | | | | |
| 034.04 | 6 | 6 | 0.50733 | 0.08486 | 0.50450 | 0.05335 | 0.01540 | 10.58% | 0.08253 | 0.02791 | 0.08712 | 16.27% | 5.50% | 17.17% | 3.1212 | 0.02700 |
| 034.42 | 1 | | 1.4150 | | | | | | | | | | | | | |
| 034.52 | 2 | 2 | 0.61325 | 0.04490 | | | | | | | | | | | | |
| 035.01 | 3 | 3 | 0.15683 | 0.01475 | 0.15683 | 0.01475 | 0.00602 | 9.41% | 0.01337 | 0.00880 | 0.01601 | 8.53% | 5.61% | 10.21% | 1.8187 | 0.01033 |
| 035.05 | 7 | 6 | 0.14975 | 0.01205 | 0.14689 | 0.00880 | 0.00254 | 5.99% | 0.01147 | 0.00524 | 0.01260 | 7.66% | 3.50% | 8.42% | 2.4073 | 0.00617 |
| 035.31 | 16 | 15 | 0.14863 | 0.02013 | 0.14243 | 0.00837 | 0.00153 | 5.88% | 0.01985 | 0.00469 | 0.02040 | 13.35% | 3.16% | 13.72% | 4.3453 | 0.00447 |
| 035.32 | 5 | 5 | 0.16910 | 0.01800 | 0.16910 | 0.01800 | 0.00569 | 10.65% | 0.01784 | 0.00337 | 0.01816 | 10.55% | 1.99% | 10.74% | 5.3894 | 0.00304 |
| 035.41 | 30 | 29 | 0.14704 | 0.01288 | 0.14484 | 0.00806 | 0.00106 | 5.57% | 0.01204 | 0.00647 | 0.01367 | 8.19% | 4.40% | 9.29% | 2.1109 | 0.00555 |
| 035.42 | 19 | 18 | 0.14290 | 0.01606 | 0.14128 | 0.00927 | 0.00155 | 6.56% | 0.01575 | 0.00449 | 0.01637 | 11.02% | 3.14% | 11.46% | 3.6452 | 0.00412 |
| 035.43 | 9 | 8 | 0.15106 | 0.00928 | 0.15168 | 0.00914 | 0.00228 | 6.02% | 0.00896 | 0.00342 | 0.00958 | 5.93% | 2.26% | 6.34% | 2.8054 | 0.00308 |
| 035.52 | 1 | | 0.14990 | | | | | | | | | | | | | |
| 035.53 | 1 | | 0.14100 | | | | | | | | | | | | | |
| 035.99 | 2 | 2 | 0.24500 | 0.19799 | | | | | | | | | | | | |
| 036.00 | 1 | | 0.18500 | | | | | | | | | | | | | |
| 036.04 | 2 | 2 | 0.24000 | 0.00707 | | | | | | | | | | | | |
| 036.42 | 17 | 17 | 0.20635 | 0.01420 | 0.20718 | 0.01388 | 0.00238 | 6.70% | 0.01312 | 0.00766 | 0.01519 | 6.36% | 3.71% | 7.36% | 1.9836 | 0.00776 |
| 036.43 | 8 | 8 | 0.21916 | 0.01593 | 0.21778 | 0.01486 | 0.00371 | 6.82% | 0.01571 | 0.00372 | 0.01614 | 7.17% | 1.70% | 7.37% | 4.3410 | 0.00339 |
| 036.99 | 2 | 2 | 0.25675 | 0.05409 | | | | | | | | | | | | |
| 037.31 | 17 | 17 | 103.05 | 6.5806 | 102.87 | 5.7136 | 0.97987 | 5.55% | 6.4183 | 2.0537 | 6.7389 | 6.23% | 1.99% | 6.54% | 3.2813 | 2.2329 |
| 037.32 | 4 | 4 | 109.04 | 4.7364 | 109.04 | 4.7364 | 1.6746 | 4.34% | 2.2201 | 5.9169 | 6.3197 | 2.04% | 5.43% | 5.80% | 1.0681 | 6.5630 |
| 037.41 | 31 | 29 | 103.13 | 8.5293 | 102.25 | 5.5481 | 0.72851 | 5.43% | 8.0323 | 4.0575 | 8.9990 | 7.79% | 3.93% | 8.73% | 2.2178 | 3.7011 |

| 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) |
|-------------|-------------------------|---------------------------------|---------|---------|------------------------------|---------------------------|-----------------|--------|-----------------|----------------|--------------------|-------------------|-------------------|----------------------|--------|-----------------------|
| 037.42 | 20 | 20 | 104.69 | 8.2859 | 104.59 | 7.4418 | 1.1767 | 7.11% | 6.8051 | 6.6854 | 9.5396 | 6.50% | 6.39% | 9.11% | 1.4269 | 6.1440 |
| 037.43 | 12 | 12 | 101.70 | 8.0945 | 101.63 | 9.0319 | 1.8436 | 8.89% | 7.3001 | 4.9456 | 8.8177 | 7.18% | 4.86% | 8.67% | 1.7829 | 5.1191 |
| 037.52 | 1 | | 80.733 | | | | | | | | | | | | | |
| 037.53 | 1 | | 100.65 | | | | | | | | | | | | | |
| 037.99 | 1 | | 131.00 | | | | | | | | | | | | | |
| 038.31 | 1 | | 3.0000 | | | | | | | | | | | | | |
| 038.41 | 1 | | 2.6138 | | | | | | | | | | | | | |
| 038.42 | 3 | 3 | 2.2767 | 0.17265 | 2.2767 | 0.17265 | 0.07048 | 7.58% | 0.12829 | 0.16340 | 0.20775 | 5.63% | 7.18% | 9.13% | 1.2714 | 0.16000 |
| 038.43 | 5 | 5 | 2.5870 | 0.24679 | 2.5870 | 0.24679 | 0.07804 | 9.54% | 0.07384 | 0.33303 | 0.34112 | 2.85% | 12.87% | 13.19% | 1.0243 | 0.33000 |
| 038.52 | 1 | | 2.6030 | | | | | | | | | | | | | |
| 039.31 | 1 | | 1.5000 | | | | | | | | | | | | | |
| 039.41 | 1 | | 1.7008 | | | | | | | | | | | | | |
| 039.42 | 1 | | 1.4950 | | | | | | | | | | | | | |
| 039.43 | 1 | | 1.7650 | | | | | | | | | | | | | |
| 039.52 | 1 | | 2.0750 | | | | | | | | | | | | | |
| 040.42 | 1 | | 4.3950 | | | | | | | | | | | | | |
| 040.43 | 1 | | 4.6350 | | | | | | | | | | | | | |
| 041.42 | 1 | | 2.1420 | | | | | | | | | | | | | |
| 041.43 | 1 | | 2.2500 | | | | | | | | | | | | | |
| 045.00 | 7 | 6 | 0.01231 | 0.00122 | 0.01211 | 0.00098 | 0.00028 | 8.09% | | 0.00226 | | | 18.35% | | | 0.00178 |
| 045.02 | 11 | 11 | 0.01053 | 0.00290 | 0.01127 | 0.00078 | 0.00017 | 6.96% | 0.00290 | 0.00023 | 0.00291 | 27.52% | 2.22% | 27.61% | 12.443 | 0.00022 |
| 101.99 | 1 | | 778.61 | | | | | | | | | | | | | |
| 102.01 | 2 | 2 | 26.728 | 2.2323 | | | | | | | | | | | | |
| 103.01 | 2 | 2 | 11.455 | 3.8042 | | | | | | | | | | | | |
| 104.00 | 2 | 2 | 5.6288 | 0.31990 | | | | | | | | | | | | |
| 105.00 | 1 | | 1.9635 | | | | | | | | | | | | | |
| 106.00 | 1 | | 4.3500 | | | | | | | | | | | | | |
| 106.02 | 16 | 15 | 3.7687 | 1.5988 | 3.1920 | 0.65449 | 0.11949 | 20.50% | 1.5870 | 0.27470 | 1.6106 | 42.11% | 7.29% | 42.74% | 5.8631 | 0.31653 |
| 107.00 | 2 | 2 | 16.979 | 1.2183 | | | | | | | | | | | | |
| 108.01 | 1 | | 0.37500 | | | | | | | | | | | | | |
| 108.02 | 2 | 2 | 0.86750 | 0.27931 | | | | | | | | | | | | |
| 109.02 | 11 | 11 | 34.545 | 10.315 | 35.032 | 10.563 | 2.2521 | 30.15% | 10.272 | 1.3275 | 10.358 | 29.74% | 3.84% | 29.98% | 7.8023 | 1.4109 |
| 112.00 | 2 | 2 | 6.3200 | 0.31113 | | | | | | | | | | | | |
| 113.01 | 2 | 2 | 1.6950 | 0.90510 | | | | | | | | | | | | |
| 114.01 | 2 | 2 | 0.22500 | 0.01414 | | | | | | | | | | | | |
| 120.00 | 14 | 14 | 0.87142 | 0.03825 | 0.87613 | 0.01899 | 0.00359 | 2.17% | 0.03794 | 0.00688 | 0.03856 | 4.35% | 0.79% | 4.42% | 5.6002 | 0.00861 |
| 120.02 | 1 | | 0.89610 | | | | | | | | | | | | | |
| 120.05 | 2 | 2 | 0.85675 | 0.02934 | | | | | | | | | | | | |

| 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) |
|-------------|-------------------------|---------------------------------|---------|---------|------------------------------|---------------------------|-----------------|-------|-----------------|----------------|--------------------|-------------------|-------------------|----------------------|--------|-----------------------|
| 120.99 | 1 | | 0.93000 | | | | | | | | | | | | | |
| 121.00 | 13 | 13 | 1.1012 | 0.07681 | 1.1030 | 0.06039 | 0.01184 | 5.47% | 0.07565 | 0.01888 | 0.07797 | 6.87% | 1.71% | 7.08% | 4.1304 | 0.01908 |
| 121.02 | 1 | | 1.1087 | | | | | | | | | | | | | |
| 121.05 | 2 | 2 | 1.0483 | 0.08026 | | | | | | | | | | | | |
| 121.99 | 1 | | 0.99500 | | | | | | | | | | | | | |
| 122.00 | 14 | 13 | 1.5937 | 0.06812 | 1.5936 | 0.06266 | 0.01229 | 3.93% | 0.06725 | 0.01531 | 0.06897 | 4.22% | 0.96% | 4.33% | 4.5039 | 0.01518 |
| 122.02 | 1 | | 1.6360 | | | | | | | | | | | | | |
| 122.05 | 2 | 2 | 1.5900 | 0.07778 | | | | | | | | | | | | |
| 122.99 | 1 | | 1.5050 | | | | | | | | | | | | | |
| 124.00 | 11 | 11 | 0.30968 | 0.06815 | 0.29029 | 0.01045 | 0.00223 | 3.60% | 0.06812 | 0.00307 | 0.06819 | 22.00% | 0.99% | 22.02% | 22.230 | 0.00282 |
| 124.02 | 2 | 2 | 0.28293 | 0.03242 | | | | | | | | | | | | |
| 124.05 | 2 | 2 | 0.25775 | 0.03147 | | | | | | | | | | | | |
| 125.00 | 14 | 14 | 2.9564 | 0.17039 | 2.9787 | 0.12232 | 0.02312 | 4.11% | 0.16919 | 0.02863 | 0.17159 | 5.72% | 0.97% | 5.80% | 5.9932 | 0.02717 |
| 125.02 | 1 | | 2.9696 | | | | | | | | | | | | | |
| 125.05 | 2 | 2 | 2.9208 | 0.02227 | | | | | | | | | | | | |
| 125.99 | 1 | | 2.9200 | | | | | | | | | | | | | |
| 126.00 | 14 | 14 | 0.74529 | 0.05168 | 0.73961 | 0.03720 | 0.00703 | 5.03% | 0.05150 | 0.00618 | 0.05187 | 6.91% | 0.83% | 6.96% | 8.3865 | 0.00711 |
| 126.02 | 1 | | 0.77280 | | | | | | | | | | | | | |
| 126.05 | 2 | 2 | 0.72675 | 0.02227 | | | | | | | | | | | | |
| 126.99 | 1 | | 0.72500 | | | | | | | | | | | | | |
| 127.00 | 13 | 12 | 0.46904 | 0.01938 | 0.46863 | 0.02055 | 0.00419 | 4.38% | 0.01923 | 0.00339 | 0.01952 | 4.10% | 0.72% | 4.16% | 5.7676 | 0.00325 |
| 127.02 | 1 | | 0.45335 | | | | | | | | | | | | | |
| 127.05 | 2 | 2 | 0.43200 | 0.03394 | | | | | | | | | | | | |
| 127.99 | 1 | | 0.41500 | | | | | | | | | | | | | |
| 128.00 | 14 | 13 | 0.66797 | 0.02687 | 0.67078 | 0.02489 | 0.00488 | 3.71% | 0.02547 | 0.01210 | 0.02820 | 3.81% | 1.81% | 4.22% | 2.3308 | 0.01128 |
| 128.02 | 1 | | 0.69225 | | | | | | | | | | | | | |
| 128.05 | 2 | 2 | 0.64975 | 0.10288 | | | | | | | | | | | | |
| 128.99 | 1 | | 0.66000 | | | | | | | | | | | | | |
| 129.00 | 13 | 13 | 1.4012 | 0.05402 | 1.3986 | 0.05157 | 0.01011 | 3.69% | 0.05366 | 0.00876 | 0.05437 | 3.83% | 0.63% | 3.88% | 6.2037 | 0.00915 |
| 129.02 | 1 | | 1.4269 | | | | | | | | | | | | | |
| 129.05 | 2 | 2 | 1.3688 | 0.10430 | | | | | | | | | | | | |
| 129.99 | 1 | | 1.4150 | | | | | | | | | | | | | |
| 130.00 | 17 | 16 | 0.87489 | 0.03944 | 0.87789 | 0.03580 | 0.00633 | 4.08% | 0.03914 | 0.00678 | 0.03973 | 4.47% | 0.78% | 4.54% | 5.8589 | 0.00749 |
| 130.02 | 1 | | 0.89080 | | | | | | | | | | | | | |
| 130.05 | 5 | 5 | 0.85580 | 0.05058 | 0.85580 | 0.05058 | 0.01599 | 5.91% | 0.05001 | 0.01069 | 0.05114 | 5.84% | 1.25% | 5.98% | 4.7854 | 0.01200 |
| 130.99 | 1 | | 0.84500 | | | | | | | | | | | | | |
| 131.00 | 15 | 14 | 0.29406 | 0.01288 | 0.29349 | 0.01049 | 0.00198 | 3.57% | 0.01210 | 0.00623 | 0.01361 | 4.12% | 2.12% | 4.63% | 2.1856 | 0.00569 |
| 131.02 | 2 | 2 | 0.30150 | 0.01202 | | | | | | | | | | | | |

| 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) |
|-------------|-------------------------|---------------------------------|---------|---------|------------------------------|---------------------------|-----------------|--------|-----------------|----------------|--------------------|-------------------|-------------------|----------------------|--------|-----------------------|
| 131.05 | 5 | 5 | 0.27570 | 0.05781 | 0.27570 | 0.05781 | 0.01828 | 20.97% | 0.05537 | 0.02349 | 0.06015 | 20.09% | 8.52% | 21.82% | 2.5605 | 0.01900 |
| 131.99 | 1 | | 0.25500 | | | | | | | | | | | | | |
| 132.00 | 14 | 14 | 0.79493 | 0.04893 | 0.79418 | 0.05390 | 0.01019 | 6.79% | 0.04828 | 0.01124 | 0.04957 | 6.07% | 1.41% | 6.24% | 4.4120 | 0.01178 |
| 132.02 | 1 | | 0.83115 | | | | | | | | | | | | | |
| 132.05 | 2 | 2 | 0.78325 | 0.08379 | | | | | | | | | | | | |
| 132.99 | 1 | | 0.79500 | | | | | | | | | | | | | |
| 133.00 | 13 | 12 | 1.0744 | 0.08707 | 1.0594 | 0.05369 | 0.01096 | 5.07% | 0.08646 | 0.01461 | 0.08768 | 8.05% | 1.36% | 8.16% | 6.0016 | 0.01358 |
| 133.05 | 2 | 2 | 1.0750 | 0.08485 | | | | | | | | | | | | |
| 133.99 | 1 | | 1.0450 | | | | | | | | | | | | | |
| 134.00 | 12 | 11 | 0.81332 | 0.05399 | 0.80995 | 0.02878 | 0.00614 | 3.55% | 0.05302 | 0.01436 | 0.05494 | 6.52% | 1.77% | 6.75% | 3.8246 | 0.01464 |
| 134.02 | 1 | | 0.73085 | | | | | | | | | | | | | |
| 134.05 | 2 | 2 | 0.82475 | 0.01025 | | | | | | | | | | | | |
| 134.99 | 1 | | 0.79000 | | | | | | | | | | | | | |
| 135.00 | 12 | 11 | 0.63750 | 0.01459 | 0.63775 | 0.01608 | 0.00343 | 2.52% | 0.01269 | 0.01019 | 0.01627 | 1.99% | 1.60% | 2.55% | 1.5974 | 0.00918 |
| 135.02 | 1 | | 0.64215 | | | | | | | | | | | | | |
| 135.05 | 3 | 3 | 0.63317 | 0.01754 | 0.63317 | 0.01754 | 0.00716 | 2.77% | 0.01635 | 0.00899 | 0.01865 | 2.58% | 1.42% | 2.95% | 2.0749 | 0.01033 |
| 135.99 | 1 | | 0.62500 | | | | | | | | | | | | | |
| 136.00 | 1 | | 0.21600 | | | | | | | | | | | | | |
| 136.01 | 4 | 4 | 0.19213 | 0.01896 | 0.19213 | 0.01896 | 0.00670 | 9.87% | 0.01887 | 0.00262 | 0.01905 | 9.82% | 1.36% | 9.92% | 7.2664 | 0.00325 |
| 136.03 | 1 | | 0.21100 | | | | | | | | | | | | | |
| 136.05 | 1 | | 0.21800 | | | | | | | | | | | | | |
| 136.99 | 3 | 3 | 0.20433 | 0.01250 | 0.20433 | 0.01250 | 0.00510 | 6.12% | 0.01217 | 0.00408 | 0.01283 | 5.95% | 2.00% | 6.28% | 3.1432 | 0.00333 |
| 137.00 | 9 | 9 | 0.57164 | 0.03850 | 0.56397 | 0.02842 | 0.00670 | 5.04% | 0.03514 | 0.02223 | 0.04158 | 6.15% | 3.89% | 7.27% | 1.8706 | 0.02184 |
| 137.02 | 1 | | 0.52935 | | | | | | | | | | | | | |
| 137.05 | 2 | 2 | 0.51575 | 0.03429 | | | | | | | | | | | | |
| 137.99 | 1 | | 0.55500 | | | | | | | | | | | | | |
| 138.00 | 14 | 13 | 0.80380 | 0.04337 | 0.80657 | 0.02827 | 0.00554 | 3.50% | 0.04266 | 0.01105 | 0.04407 | 5.31% | 1.37% | 5.48% | 3.9890 | 0.01219 |
| 138.02 | 1 | | 0.80700 | | | | | | | | | | | | | |
| 138.05 | 2 | 2 | 0.75400 | 0.10607 | | | | | | | | | | | | |
| 138.99 | 1 | | 0.78000 | | | | | | | | | | | | | |
| 139.00 | 2 | 2 | 0.05750 | 0.06718 | | | | | | | | | | | | |
| 140.01 | 1 | | 0.01300 | | | | | | | | | | | | | |
| 142.00 | 1 | | 0.03350 | | | | | | | | | | | | | |
| 300.99 | 1 | | 7.8800 | | | | | | | | | | | | | |