



EMERALD TEST

INTER-LAB COMPARISON &
PROFICIENCY TEST
877-567-3598
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Fall 2022 **Micro – Quantative** Proficiency Test 17
Microbial Panel 1-Aerobic Plate Count in Hemp CMPT-010-AC
28 participating laboratories
1 analyte of interest
Matrix: Hemp Flower

Acceptance Criteria: Presence

AEROBIC PLATE COUNT IN HEMP

APC

| | |
|-------------------------|----------|
| Consensus Mean | 59928.79 |
| log [Mean] | 4.78 |
| Standard Deviation | 16707.29 |
| log [STDEV] | 4.22 |
| Deviation % | 26.38 |
| Assigned Value | 63329.42 |
| Mean Recovery % | 94.63 |
| log[Mean]/log[Assigned] | 0.995 |
| # Accepted | 27 |
| % Accepted | 96.43 |
| # Not Accepted | 1 |
| % Not Accepted | 3.57 |
| # Outliers | 1 |
| # Participants | 28 |



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| Z-SCORES | | % RECOVERY | | RAW SUBMISSION | |
|---------------|------------|---------------|----------------|----------------|-----------|
| Lab ID number | APC | Lab ID number | APC log[CFU/g] | Lab ID number | APC CFU/g |
| 5307 | 1.17 | 5307 | 101.77% | 5307 | 77000 |
| 5369 | 0.69 | 5369 | 100.91% | 5369 | 70000 |
| 5406 | NA/Outlier | 5406 | -- | 5406 | 0 |
| 5419 | 0.09 | 5419 | 99.81% | 5419 | 62000 |
| 5425 | NA/Outlier | 5425 | -- | 5425 | 0 |
| 5450 | 0.69 | 5450 | 100.91% | 5450 | 70000 |
| 5485 | NA/Outlier | 5485 | -- | 5485 | 0 |
| 5488 | NA/Outlier | 5488 | -- | 5488 | 0 |
| 5494 | NA/Outlier | 5494 | -- | 5494 | 0 |
| 5522A | 0.01 | 5522A | 99.66% | 5522A | 61000 |
| 5522B | 0.01 | 5522B | 99.66% | 5522B | 61000 |
| 5522C | NA/Outlier | 5522C | -- | 5522C | 0 |
| 5531A | 1.05 | 5531A | 101.55% | 5531A | 75200 |
| 5531B | -1.59 | 5531B | 96.77% | 5531B | 44300 |
| 5562 | NA/Outlier | 5562 | 57.86% | 5562 | 600 |
| 5565 | 1.89 | 5565 | 103.08% | 5565 | 89000 |
| 5566 | NA/Outlier | 5566 | -- | 5566 | 0 |
| 5623 | 0.32 | 5623 | 100.24% | 5623 | 65000 |
| 5645A | -1.40 | 5645A | 97.11% | 5645A | 46000 |
| 5645B | 0.01 | 5645B | 99.66% | 5645B | 61000 |
| 5650 | NA/Outlier | 5650 | -- | 5650 | 0 |
| 5652 | NA/Outlier | 5652 | -- | 5652 | 0 |
| 5664A | -2.35 | 5664A | 95.38% | 5664A | 38000 |
| 5664B | 1.10 | 5664B | 101.65% | 5664B | 76000 |
| 5664C | -0.99 | 5664C | 97.86% | 5664C | 50000 |
| 5664D | 1.54 | 5664D | 102.45% | 5664D | 83000 |
| 5675 | NA/Outlier | 5675 | -- | 5675 | 0 |
| 5690 | -0.99 | 5690 | 97.85% | 5690 | 49950 |
| 5703 | -0.16 | 5703 | 99.36% | 5703 | 59000 |
| 5707 | 0.01 | 5707 | 99.66% | 5707 | 61000 |
| 5760 | 0.69 | 5760 | 100.91% | 5760 | 70000 |
| 5762 | -0.08 | 5762 | 99.51% | 5762 | 60000 |
| 5769 | -1.79 | 5769 | 96.40% | 5769 | 42556 |
| 5772 | NA/Outlier | 5772 | -- | 5772 | 0 |
| 5793 | NA/Outlier | 5793 | -- | 5793 | 0 |
| 5795 | -0.51 | 5795 | 98.72% | 5795 | 55000 |
| 5802 | NA/Outlier | 5802 | -- | 5802 | 0 |
| 5803 | NA/Outlier | 5803 | -- | 5803 | 0 |
| 5804 | 0.09 | 5804 | 99.81% | 5804 | 62000 |
| 5811 | -0.21 | 5811 | 99.27% | 5811 | 58400 |
| 5813 | 0.25 | 5813 | 100.10% | 5813 | 64000 |
| 5820 | NA/Outlier | 5820 | -- | 5820 | 0 |
| 5831 | 0.47 | 5831 | 100.51% | 5831 | 67000 |



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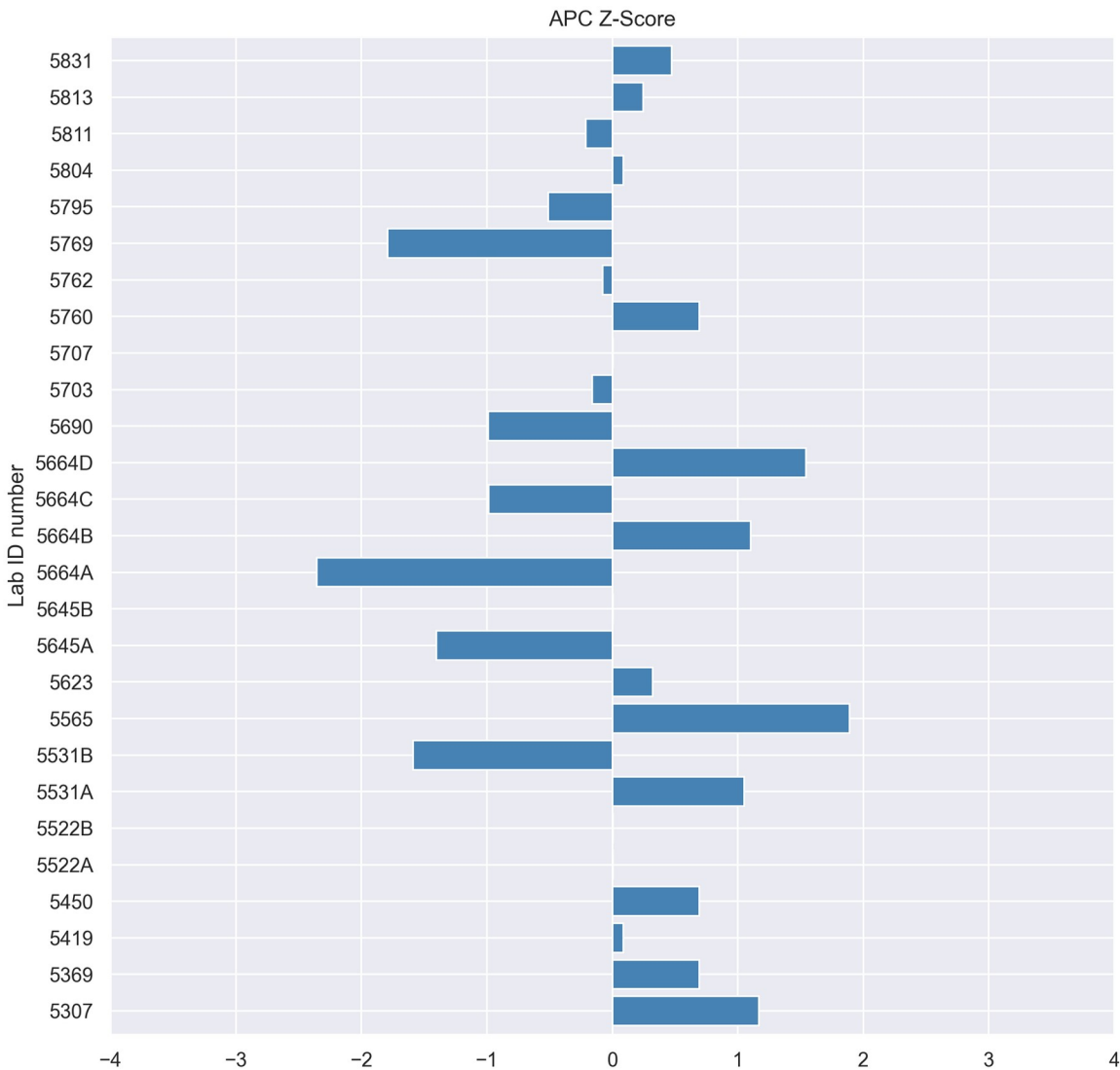


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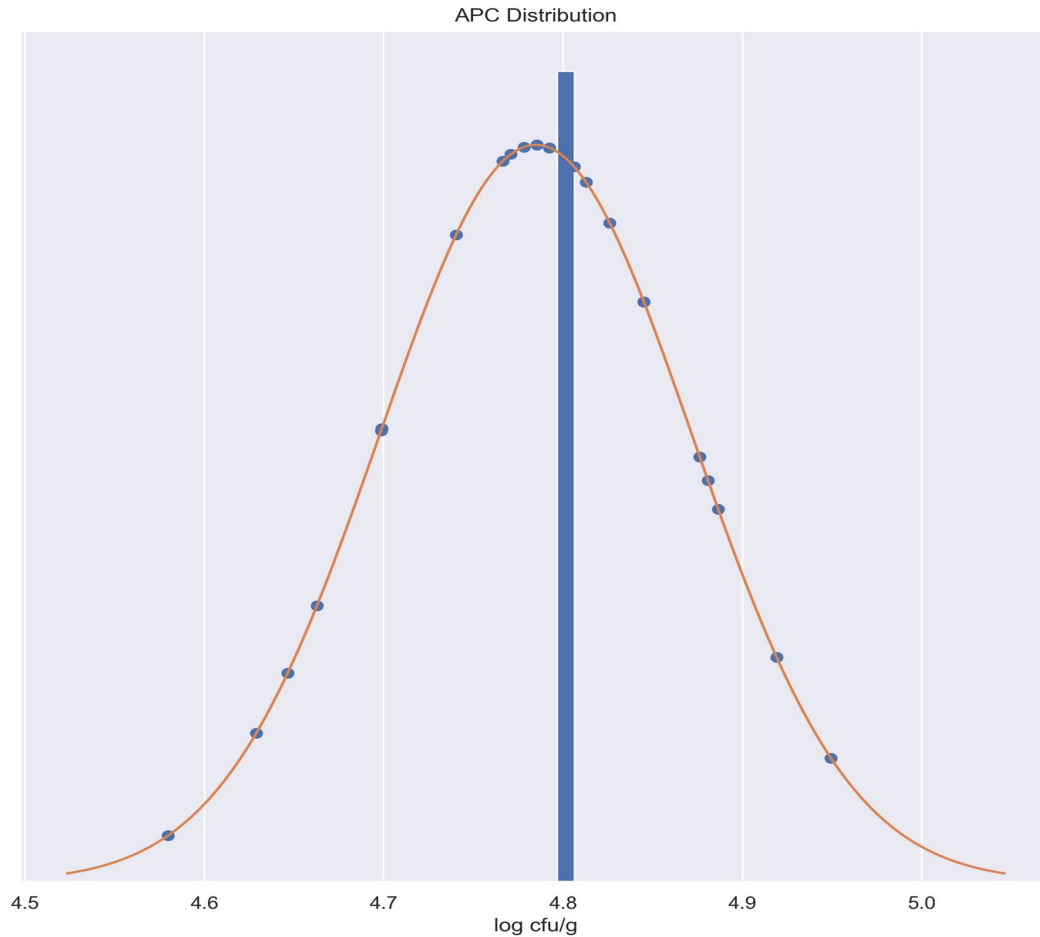


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