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Fall 2020 **Water Activity** Proficiency Test - 13

“Water activity (Humidity) PT in Hemp Bud” [#55246]

26 participating laboratories

1 analytes of interest

Matrix: Hemp Bud

Acceptance Criteria: $\pm 40\%$ Recovery

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Summary of Statistical Data

Component	Consensus Mean	Standard Deviation	Deviation %	Assigned Value	Mean Recovery %	# Accepted	% Accepted	# Not Accepted	% Not Accepted	# Outliers
Water activity	0.747	0.011	1.467	0.75	99.600	26	100	0	0	1



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Raw Data Table

Analyst No.	Water Activity Aw
1116	0.7575
3001	0.7544
3111	0.73
3116	0.7507
3121	0.737
3129	0.755
3132	0.72
3137	0.7575
3150	0.753
3153	0.7524
3182	0.751
3184	0.75
3196	0.7539
3600	0.7536
3612	0.76
3635	0.732
3636	0.75
3658	0.756
3706	0.75
3846	0.74
3877	0.7501
3904	0.756
3912	0.684
3915	0.739
3919	0.7449
3935	0.723



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Percent Recovery Data Table

Analyst	Water Activity Aw
1116	101.00%
3001	100.59%
3111	97.33%
3116	100.09%
3121	98.27%
3129	100.67%
3132	96.00%
3137	101.00%
3150	100.40%
3153	100.32%
3182	100.13%
3184	100.00%
3196	100.52%
3600	100.48%
3612	101.33%
3635	97.60%
3636	100.00%
3658	100.80%
3706	100.00%
3846	98.67%
3877	100.01%
3904	100.80%
3912	91.20%
3915	98.53%
3919	99.32%
3935	96.40%



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Z-Score Data Table

Account	Water activity
1116	0.96
3001	0.68
3111	-1.58
3116	0.33
3121	-0.93
3129	0.73
3132	-2.50
3137	0.96
3150	0.55
3153	0.49
3182	0.36
3184	0.27
3196	0.63
3600	0.60
3612	1.19
3635	-1.39
3636	0.27
3658	0.82
3706	0.27
3846	-0.65
3877	0.28
3904	0.82
3912	Outlier
3915	-0.75
3919	-0.20
3935	-2.22



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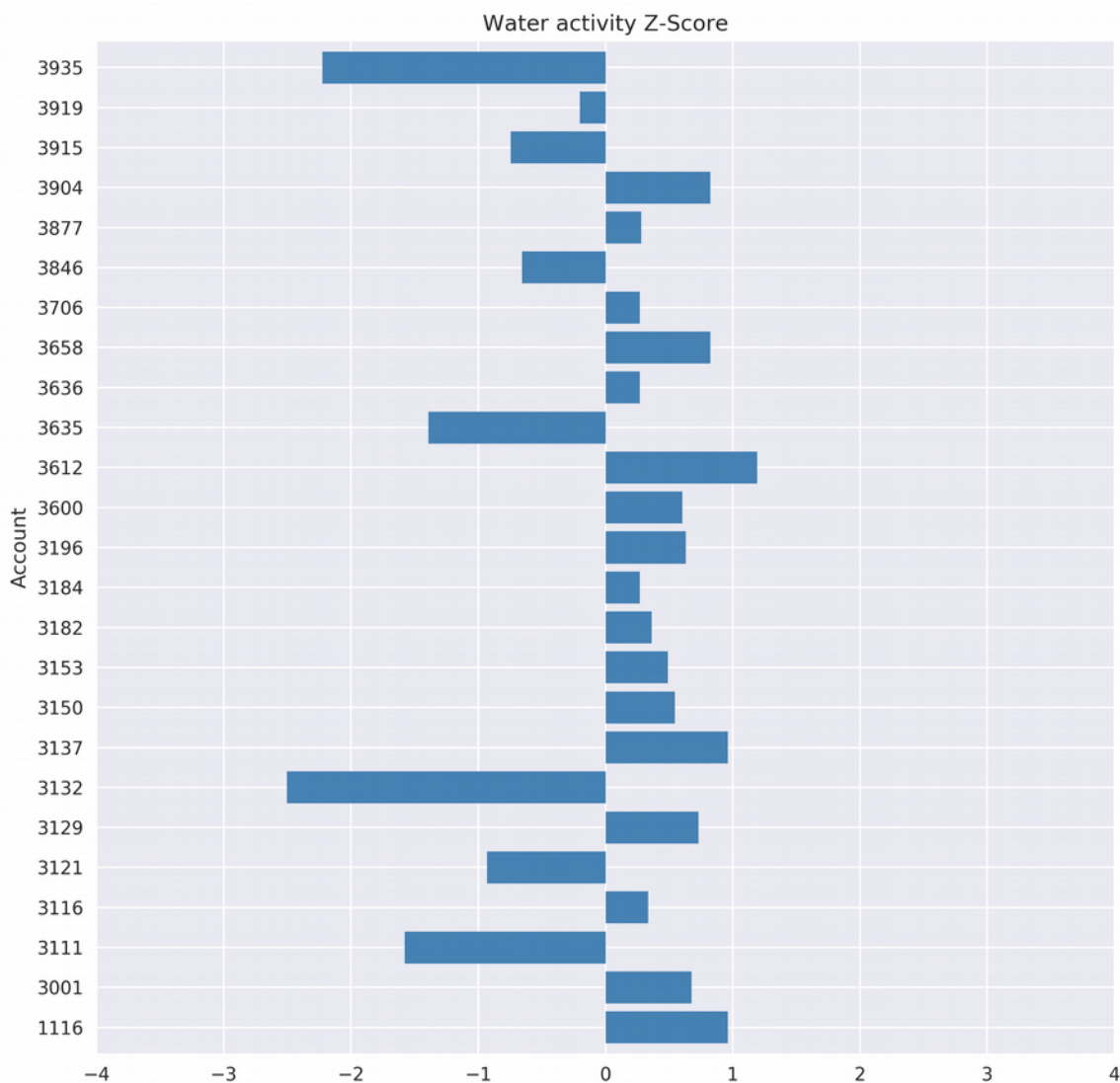
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Z-Score Graph





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Gaussian Normal Distribution Plots

