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Spring 2023 **Water Activity** Analysis Test - 14
“Water Activity in Hemp Bud” [#55246]
32 participating laboratories
1 analyte 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 %
Water activity	0.65	0.02	2.81	0.64	101.88

Component	# Accepted	% Accepted	# Not Accepted	% Not Accepted	# Outliers	# Participants
Water activity	32	100.0	0	0.0	2	32



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Raw Data Tables

Analyst No.	Water activity Aw
5359	0.708
5407	0.7
5408	0.664
5462	0.6467
5463	0.6406
5466	0.6357
5499	0.6339
5501	0.66
5537	0.64
5558	0.6442
5576	0.6527
5590	0.652
5611	0.63
5612	0.666
5624	0.625
5643	0.671

Analyst No.	Water activity Aw
5652	0.6394
5657	0.6455
5659	0.64
5685	0.652
5689	0.6451
5691	0.649
5697	0.6576
5706	0.5601
5712	0.636
5721	0.63
5723	0.6731
5724	0.6579
5726	0.68
5786	0.6462
5801	0.697
5837	0.64



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Percent Recovery Data Table

Analyst No.	Water activity	Analyst No.	Water activity
5359	110.62	5652	99.91
5407	109.38	5657	100.86
5408	103.75	5659	100.0
5462	101.05	5685	101.88
5463	100.09	5689	100.8
5466	99.33	5691	101.41
5499	99.05	5697	102.75
5501	103.12	5706	87.52
5537	100.0	5712	99.38
5558	100.66	5721	98.44
5576	101.98	5723	105.17
5590	101.88	5724	102.8
5611	98.44	5726	106.25
5612	104.06	5786	100.97
5624	97.66	5801	108.91
5643	104.84	5837	100.0



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Z-Score Data Table

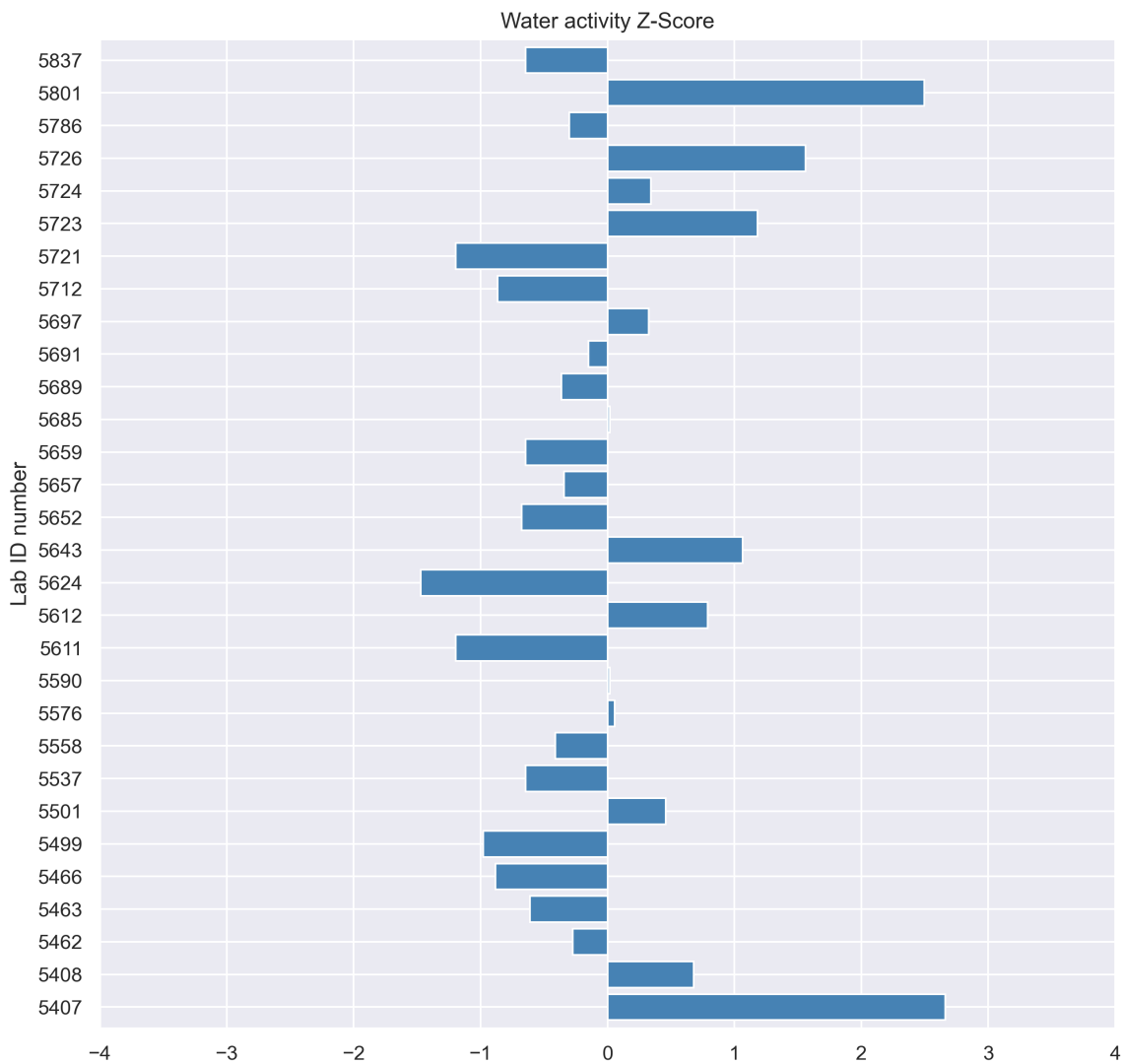
Analyst No.	Water activity	Analyst No.	Water activity
5359	Outli./NR	5652	-0.68
5407	2.66	5657	-0.34
5408	0.68	5659	-0.64
5462	-0.27	5685	0.02
5463	-0.61	5689	-0.36
5466	-0.88	5691	-0.15
5499	-0.98	5697	0.33
5501	0.46	5706	Outli./NR
5537	-0.64	5712	-0.86
5558	-0.41	5721	-1.2
5576	0.06	5723	1.18
5590	0.02	5724	0.34
5611	-1.2	5726	1.56
5612	0.79	5786	-0.3
5624	-1.47	5801	2.5
5643	1.06	5837	-0.64



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Z-Score Graph





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Gaussian Normal Distribution Plots

