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Spring 2023 **Microbial** Analysis Test - 17

“Aerobic Plate Count in Hemp” [#CMPT-010-AC]

28 participating laboratories

1 analyte of interest

Matrix: Hemp Bud

Acceptance Criteria: $z < +/-3$

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Summary of Statistical Data

Component	Consensus Mean	Standard Deviation	Deviation %	Assigned Value	Mean Recovery %
APC	48888.5	14509.16	27.97	51871.84	94.25

Component	# Accepted	% Accepted	# Not Accepted	% Not Accepted	# Outliers	# Participants
APC	25	89.29	3	10.71	1	28



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Raw Data Tables

Analyst No.	APC cfu/g	Analyst No.	APC cfu/g
5229	50000	5612	70000
5242	52000	5615	57500
5310A	46000	5624	51333
5310B	46000	5626	46000
5310C	46000	5644	47588
5310D	54000	5656A	58500
5408	52000	5656B	55000
5451	60000	5657	56500
5466	40875	5685	62000
5494	41000	5691	50000
5495	52000	5699	52000
5507	51000	5704	53000
5559	3605	5713	8477
5567	34500	5837	72000



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Percent Recovery Data Table

Analyst No.	APC
5229	99.66
5242	100.02
5310A	98.89
5310B	98.89
5310C	98.89
5310D	100.37
5408	100.02
5451	101.34
5466	97.81
5494	97.83
5495	100.02
5507	99.84
5559	75.44
5567	96.24

Analyst No.	APC
5612	102.76
5615	100.95
5624	99.9
5626	98.89
5644	99.21
5656A	101.11
5656B	100.54
5657	100.79
5685	101.64
5691	99.66
5699	100.02
5704	100.2
5713	83.31
5837	103.02



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Z-Score Data Table

Analyst No.	APC
5229	0.1
5242	0.2
5310A	-0.13
5310B	-0.13
5310C	-0.13
5310D	0.3
5408	0.2
5451	0.58
5466	-0.44
5494	-0.43
5495	0.2
5507	0.15
5559	Outli./NR
5567	-0.9

Analyst No.	APC
5612	1.0
5615	0.47
5624	0.17
5626	-0.13
5644	-0.04
5656A	0.52
5656B	0.35
5657	0.42
5685	0.67
5691	0.1
5699	0.2
5704	0.25
5713	-4.65
5837	1.07



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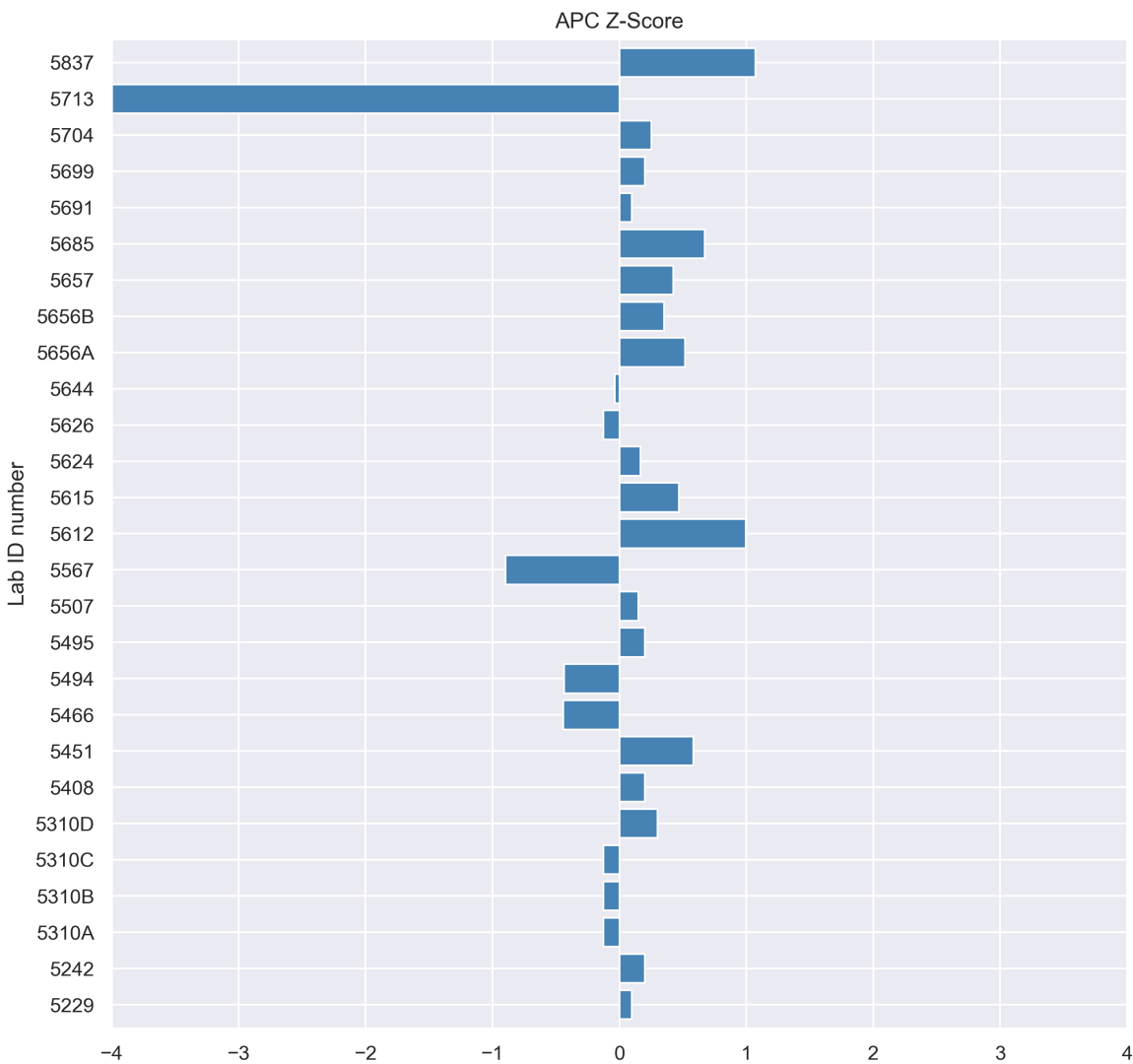
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Z-Score Graph





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