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Spring 2023 **Microbial** Analysis Test - 20

“Enterobacteriaceae in Hemp” [#CMPT-010-YM]

39 participating laboratories

1 analyte of interest

Matrix: Hemp Bud

Acceptance Criteria: $z < +/-3$

Contents

<u>Summary of Statistical Data</u>	p. 2
<u>Raw Data Table</u>	p. 3
<u>Percent Recovery Data Table</u>	p. 4
<u>Z-Score Data Table</u>	p. 5
<u>Z-Score Graph</u>	p. 6
<u>Gaussian Normal Distribution Plots</u>	p. 8

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Summary of Statistical Data

Component	Consensus Mean	Standard Deviation	Deviation %	Assigned Value	Mean Recovery %
Yeast/Mold	138724.36	80625.49	57.32	140668.92	98.62

Component	# Accepted	% Accepted	# Not Accepted	% Not Accepted	# Outliers	# Participants
Yeast/Mold	37	94.87	2	5.13	1	39



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Raw Data Tables

Analyst No.	Yeast/Mold cfu/g
5229	490000
5242	74000
5310A	104000
5310B	91000
5310C	92000
5310D	94000
5322	142500
5359	334000
5402	94000
5403	132000
5407	130000
5408	165000
5451	190000
5462	109500
5466	135143
5494	130000
5495	150000
5499	115000
5501	129091

Analyst No.	Yeast/Mold cfu/g
5507	140000
5559	15500
5567	152500
5612	120000
5615	61750
5624	78000
5626	100333
5644	139950
5656A	136500
5656B	131500
5657	57500
5685	99400
5689A	138250
5689B	205000
5691	250000
5699	53000
5704	170000
5713	145833
5719	104000
5837	210000



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Percent Recovery Data Table

Analyst No.	Yeast/Mold
5229	110.53
5242	94.58
5310A	97.45
5310B	96.33
5310C	96.42
5310D	96.6
5322	100.11
5359	107.29
5402	96.6
5403	99.46
5407	99.33
5408	101.35
5451	102.54
5462	97.89
5466	99.66
5494	99.33
5495	100.54
5499	98.3
5501	99.28

Analyst No.	Yeast/Mold
5507	99.96
5559	81.39
5567	100.68
5612	98.66
5615	93.05
5624	95.03
5626	97.15
5644	99.96
5656A	99.75
5656B	99.43
5657	92.45
5685	97.07
5689A	99.85
5689B	103.18
5691	104.85
5699	91.77
5704	101.6
5713	100.3
5719	97.45
5837	103.38



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Z-Score Data Table

Analyst No.	Yeast/Mold
5229	3.09
5242	-1.25
5310A	-0.47
5310B	-0.78
5310C	-0.75
5310D	-0.7
5322	0.25
5359	2.21
5402	-0.7
5403	0.07
5407	0.04
5408	0.59
5451	0.91
5462	-0.35
5466	0.13
5494	0.04
5495	0.37
5499	-0.24
5501	0.02

Analyst No.	Yeast/Mold
5507	0.21
5559	Outli./NR
5567	0.41
5612	-0.14
5615	-1.67
5624	-1.13
5626	-0.55
5644	0.21
5656A	0.15
5656B	0.07
5657	-1.83
5685	-0.58
5689A	0.18
5689B	1.09
5691	1.54
5699	-2.02
5704	0.66
5713	0.3
5719	-0.47
5837	1.14



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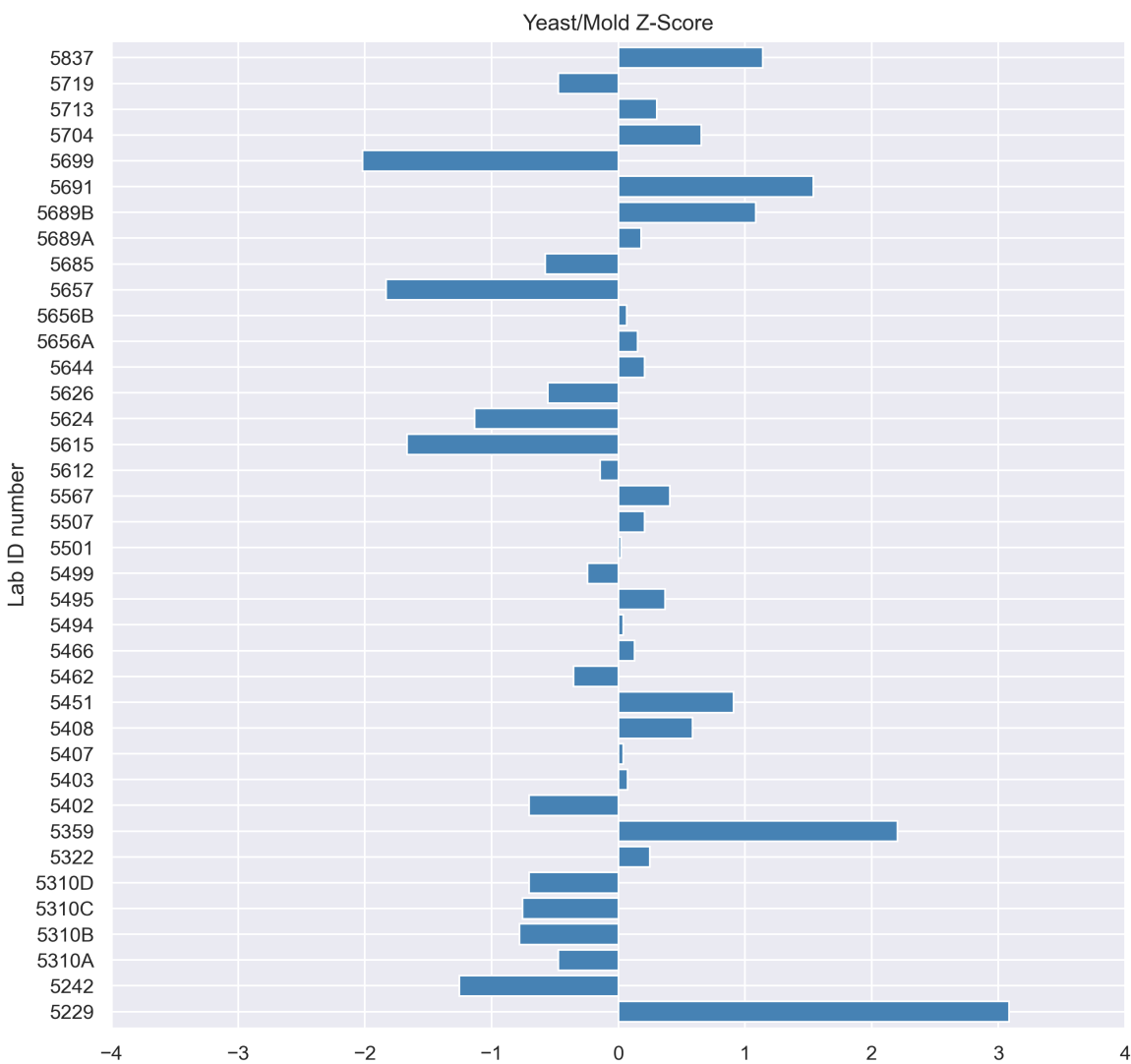
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Z-Score Graph





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Gaussian Normal Distribution Plots

