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Spring 2021 **Vitamin** Potency Proficiency Test - 12

“(±)-alpha-Tocopherol acetate” [#38537]

8 participating laboratories

1 analytes of interest

Matrix: Solvent Standard: alpha-Tocopherol acetate

Acceptance Criteria: ±30% 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
alpha-Tocopherol acetate	645.748	89.140	14.262	625	103.320	7	100	0	0	0



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Raw Data Table

Analyst No.	alpha-Tocopherol acetate ug/ml
5043	590.59
5146	645
5171	699
5197	798
5316	509.648
5372	638
5386	640



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Percent Recovery Data Table

Analyst	alpha-Tocopherol acetate ug/ml
5043	94.49%
5146	103.20%
5171	111.84%
5197	127.68%
5316	81.54%
5372	102.08%
5386	102.40%



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Z-Score Data Table

Account	alpha-Tocopherol acetate
5043	-0.67
5146	-0.01
5171	0.65
5197	1.84
5316	-1.65
5372	-0.09
5386	-0.07



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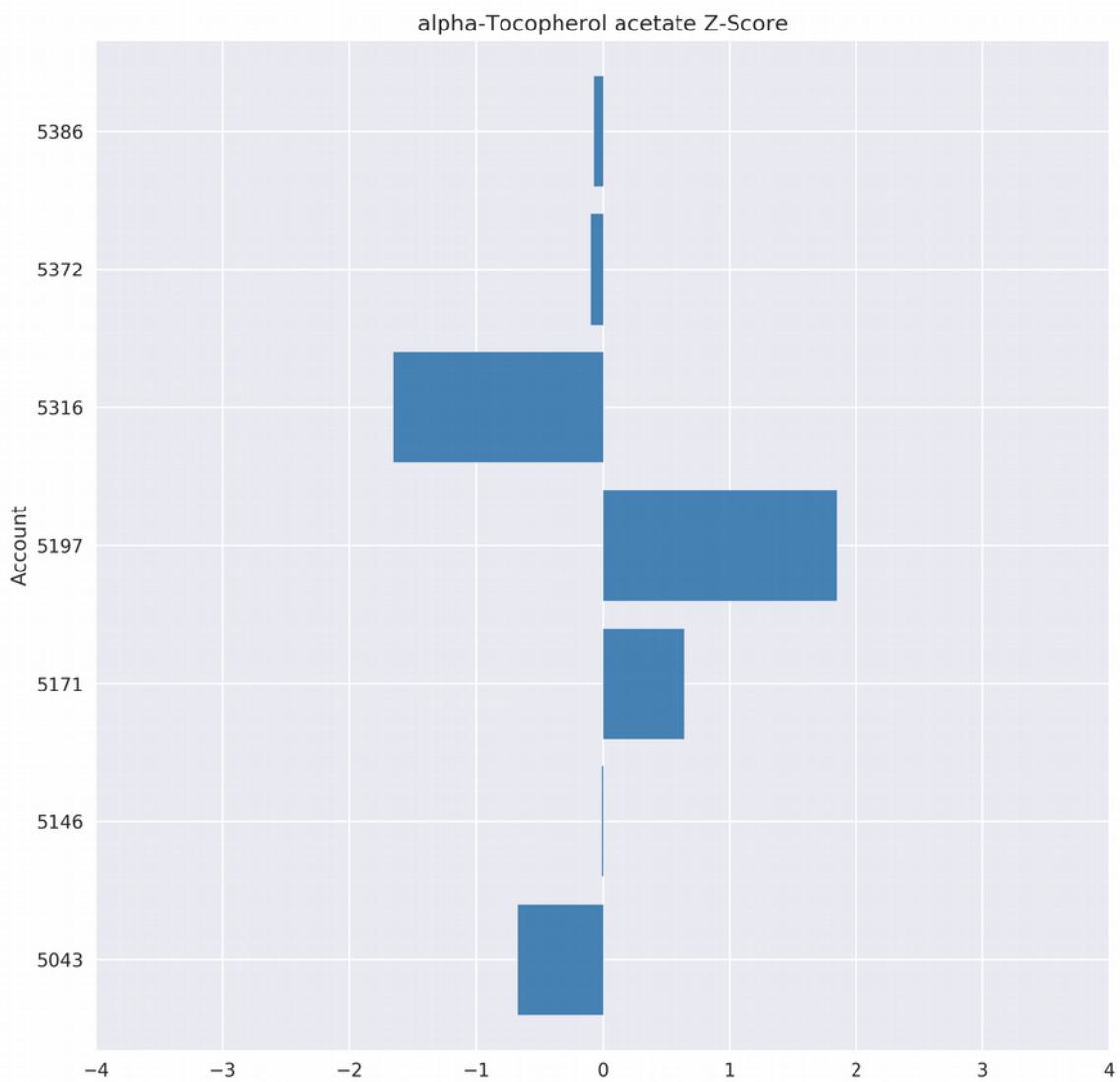
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Z-Score Graph





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