



# EMERALD TEST

INTER-LAB COMPARISON &  
PROFICIENCY TEST  
877-567-3598  
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Digamma  
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Fall 2020 **Cannabinoid** Potency Proficiency Test - 7

“CBD in Topical Cream” [#38552]

8 participating laboratories

1 analytes of interest

**Matrix:** Topical Cream

**Acceptance Criteria:**  $\pm 3\%$  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
Cannabidiol (CBD)	442.060	171.055	34.909	490	90.216	6	75	2	25	0



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## Raw Data Table

Analyst No.	CBD ug/g
3001	756.9
3182	429
3184	433
3636	393.5
3706	420
3763	136
3912	536
3992	432.082



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## Percent Recovery Data Table

Analyst	CBD ug/g
3001	154.47%
3182	87.55%
3184	88.37%
3636	80.31%
3706	85.71%
3763	27.76%
3912	109.39%
3992	88.18%



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## Z-Score Data Table

Account	Cannabidiol (CBD)
3001	1.97
3182	-0.08
3184	-0.06
3636	-0.30
3706	-0.14
3763	-1.91
3912	0.59
3992	-0.06



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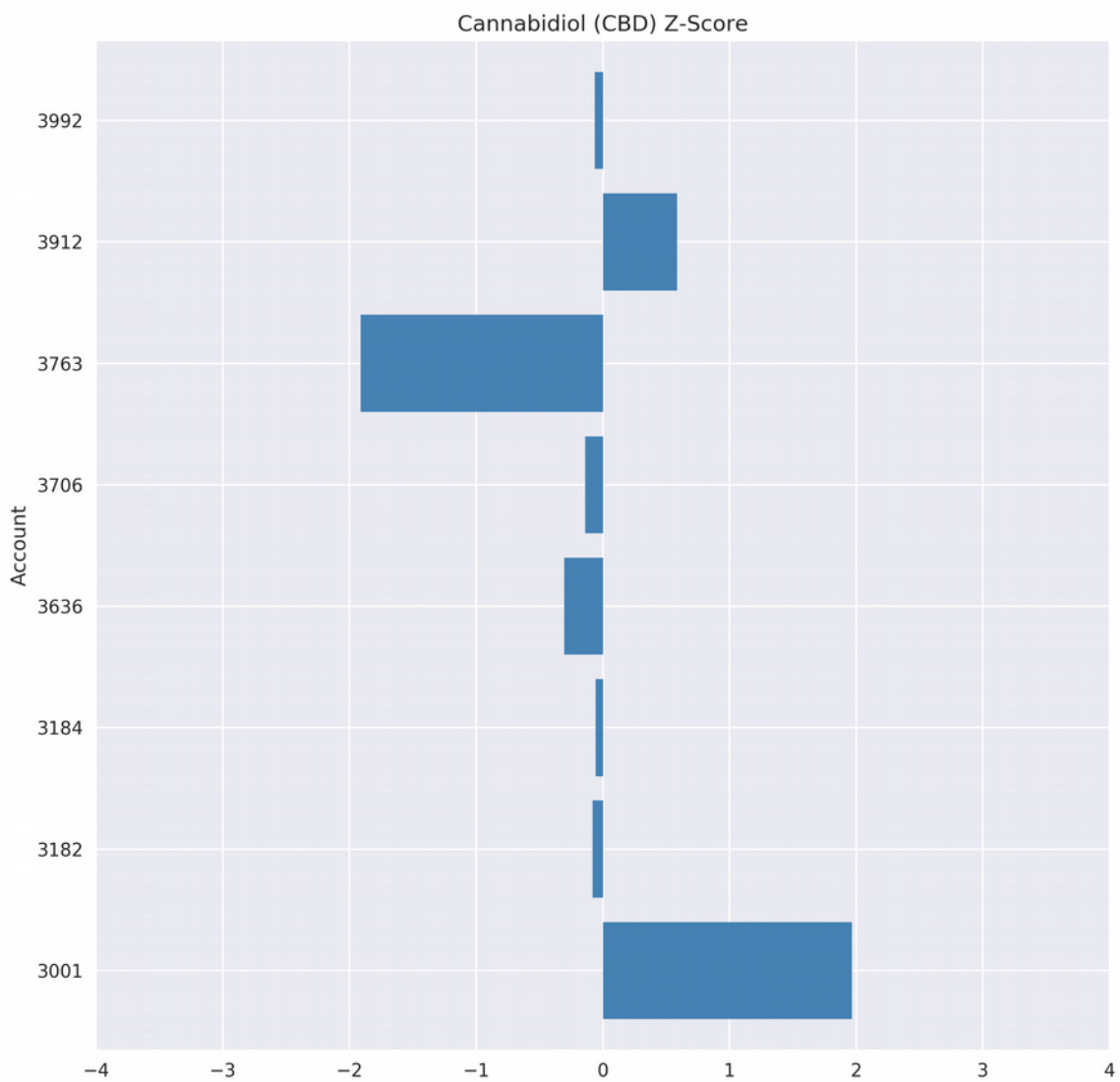
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## Z-Score Graph





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## Gaussian Normal Distribution Plots

