



EMERALD TEST

INTER-LAB COMPARISON &
PROFICIENCY TEST
877-567-3598
emeraldtest.com



Digamma
Consulting

www.digammaconsulting.com

Spring 2020 **Cannabinoid** Potency Proficiency Test

“CBD Isolate % Purity PT” [#38531]

11 participating laboratories

1 analytes of interest

Matrix: Solvent Standard: CBD Isolate

Acceptance Criteria: $\pm 3\%$ Recovery

Contents

Summary of Statistical Data	p. 2
Raw Data Table	p. 3
Percent Recovery Data Table	p. 4
Z-Score Data Table	p. 5
Z-Score Graph	p. 6
Gaussian Normal Distribution Plots	p. 7

TERMS AND CONDITIONS OF USE

Emerald Test™ does not grant exclusive use rights with respect to this material. Emerald Test™ should be acknowledged as the source of its material. It is unlawful to falsely claim copyright or other rights in Emerald Test™ material. All rights reserved. This document or parts thereof may not be reproduced in any form, stored in any retrieval system, or transmitted in any form by any means—electronic, mechanical, photocopy, recording, or otherwise—without prior written permission of the publisher, except as provided by United States of America copyright law.



EMERALD TEST

INTER-LAB COMPARISON &
PROFICIENCY TEST
877-567-3598
emeraldtest.com



Digamma
Consulting

www.digammaconsulting.com

Spring 2020 **Cannabinoid** Potency Proficiency Test
"CBD Isolate % Purity PT" [#38531]

11 participating laboratories

1 analytes of interest

Matrix: Solvent Standard: CBD Isolate

Acceptance Criteria: $\pm 3\%$ Recovery

Summary of Statistical Data

Component	Consensus Mean	Standard Deviation	Deviation %	Assigned Value	Mean Recovery %	# Accepted	% Accepted	# Not Accepted	% Not Accepted	# Outliers
Total CBD Purity	88.632	8.958	9.705	92.3	96.026	3	27	8	73	0



EMERALD TEST

INTER-LAB COMPARISON &
PROFICIENCY TEST
877-567-3598
emeraldtest.com



Digamma
Consulting

www.digammaconsulting.com

Spring 2020 **Cannabinoid** Potency Proficiency Test

“CBD Isolate % Purity PT” [#38531]

11 participating laboratories

1 analytes of interest

Matrix: Solvent Standard: CBD Isolate

Acceptance Criteria: $\pm 3\%$ Recovery

Raw Data Table

Analyst No.	Total CBD Purity ug/ml
6653	86.96
6687	91.8
6922	90.4
6966	>99
7012	99.48
7017	86
7037	72.8
7038	73.8
7106	97.5
7145	87.017
7235	90.2



INTER-LAB COMPARISON &
PROFICIENCY TEST
877-567-3598
emeraldtest.com



www.digammaconsulting.com

Spring 2020 **Cannabinoid** Potency Proficiency Test
"CBD Isolate % Purity PT" [#38531]

11 participating laboratories

1 analytes of interest

Matrix: Solvent Standard: CBD Isolate

Acceptance Criteria: $\pm 3\%$ Recovery

Percent Recovery Data Table

Analyst	Total CBD Purity ug/ml
6653	94.21%
6687	99.46%
6922	97.94%
6966	NA
7012	107.78%
7017	93.17%
7037	78.87%
7038	79.96%
7106	105.63%
7145	94.28%
7235	97.72%



EMERALD TEST

INTER-LAB COMPARISON &
PROFICIENCY TEST
877-567-3598
emeraldtest.com



Digamma
Consulting

www.digammaconsulting.com

Spring 2020 **Cannabinoid** Potency Proficiency Test
"CBD Isolate % Purity PT" [#38531]

11 participating laboratories

1 analytes of interest

Matrix: Solvent Standard: CBD Isolate

Acceptance Criteria: $\pm 3\%$ Recovery

Z-Score Data Table

Account	Total CBD Purity
6653	-0.20
6687	0.37
6922	0.21
6966	1.21
7012	1.27
7017	-0.31
7037	-1.85
7038	-1.74
7106	1.04
7145	-0.19
7235	0.18

Spring 2020 **Cannabinoid** Potency Proficiency Test
"CBD Isolate % Purity PT" [#38531]

11 participating laboratories

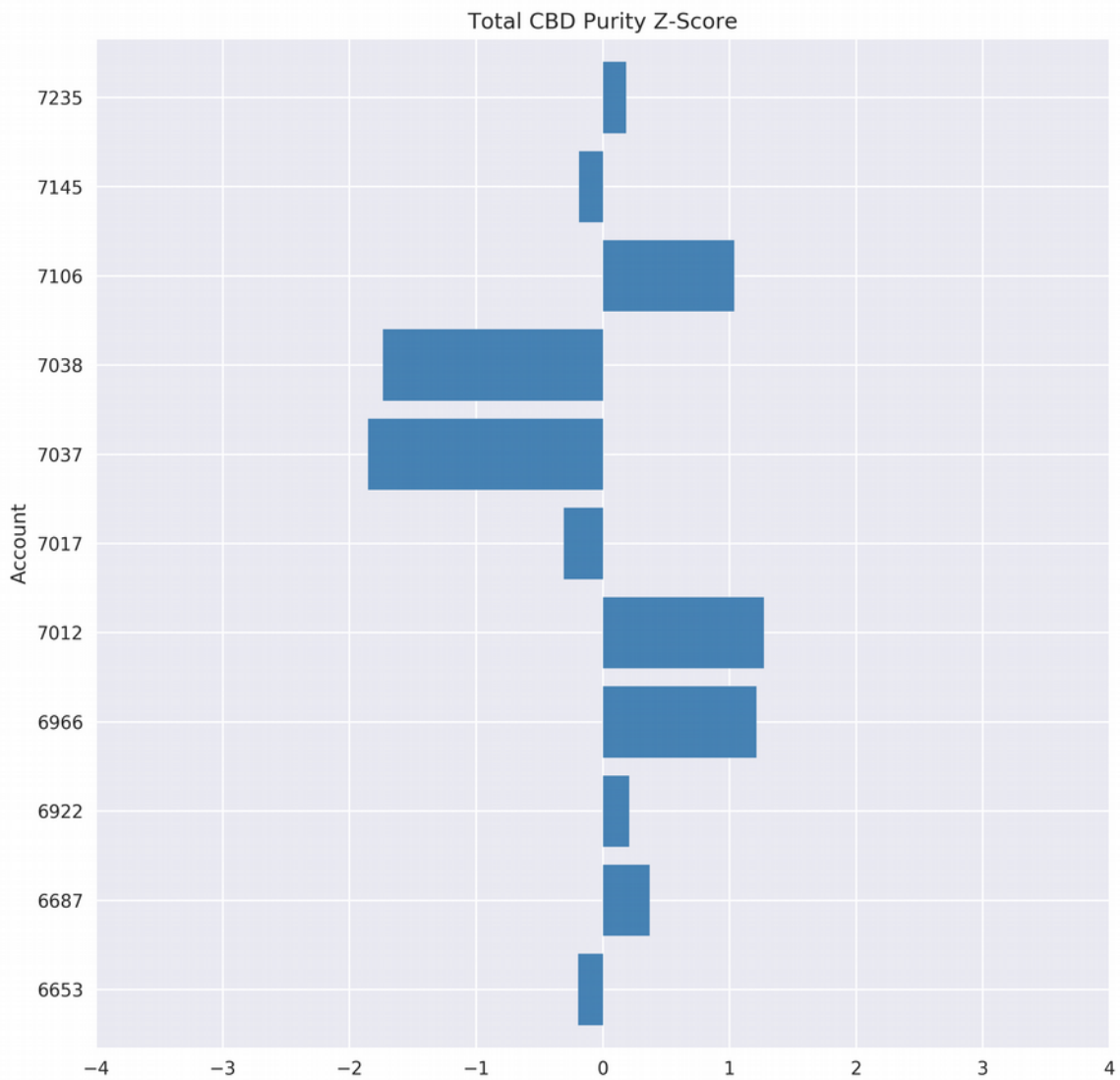
1 analytes of interest

Matrix: Solvent Standard: CBD Isolate

Acceptance Criteria: $\pm 3\%$ Recovery

www.digammaconsulting.com

Z-Score Graph





Spring 2020 **Cannabinoid** Potency Proficiency Test
"CBD Isolate % Purity PT" [#38531]

11 participating laboratories

1 analytes of interest

Matrix: Solvent Standard: CBD Isolate

Acceptance Criteria: $\pm 3\%$ Recovery

Gaussian Normal Distribution Plots

