

Twenty One - Pre-rolls 1.75g THCh - Pineapple Punch (Sativa)

Sample ID: SA-250702-64590
 Batch: 2510809484701
 Type: Finished Product - Inhalable
 Matrix: Plant - Flower
 Unit Mass (g):

Received: 07/03/2025
 Completed: 07/10/2025

Client
 Twenty One
 1291 Northwest 65th Pl
 Fort Lauderdale, FL 33309
 USA



Summary

Test
 Cannabinoids
 Moisture
 Water Activity

Date Tested
 07/10/2025
 07/10/2025
 07/08/2025

Status
 Tested
 Tested
 Tested

ND	4.85 %	8.23 %	8.40 %	Not Tested	Yes
Total Δ9-THC	CBG	Total Cannabinoids	Moisture Content	Foreign Matter	Internal Standard Normalization



Generated By: Ryan Bellone
 Commercial Director
 Date: 07/10/2025



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Cannabinoids by HPLC-PDA and GC-MS/MS

Analyte	LOD (%)	LOQ (%)	Result (% dry)	Result (mg/g dry)
CBC	0.00095	0.0028	ND	ND
CBCA	0.00181	0.0054	ND	ND
CBCV	0.0006	0.0018	ND	ND
CBD	0.00081	0.0024	ND	ND
CBDA	0.00043	0.0013	ND	ND
CBDB	0.00067	0.002	ND	ND
CBD-C8	0.00067	0.002	ND	ND
CBDH	0.00067	0.002	0.0199	0.199
CBDP	0.00067	0.002	ND	ND
CBDV	0.00061	0.0018	ND	ND
CBDVA	0.00021	0.0006	ND	ND
CBG	0.00057	0.0017	4.85	48.5
CBGA	0.00049	0.0015	ND	ND
CBL	0.00112	0.0033	ND	ND
CBLA	0.00124	0.0037	ND	ND
CBN	0.00056	0.0017	0.0509	0.509
CBNA	0.0006	0.0018	ND	ND
CBNP	0.00067	0.002	ND	ND
CBT	0.0018	0.0054	ND	ND
Δ4,8-iso-THC	0.00067	0.002	0.0156	0.156
Δ6a,10a-THC	0.00067	0.002	ND	ND
Δ8-iso-THC	0.00067	0.002	ND	ND
Δ8-THC	0.00104	0.0031	1.14	11.4
Δ8-THCB	0.00067	0.002	ND	ND
Δ8-THC-C8	0.00067	0.002	ND	ND
Δ8-THCH	0.00067	0.002	0.0192	0.192
Δ8-THCP	0.00067	0.002	ND	ND
Δ8-THCV	0.00067	0.002	0.00764	0.0764
Δ9-THC	0.00076	0.0023	ND	ND
Δ9-THCA	0.00084	0.0025	ND	ND
Δ9-THCB	0.00067	0.002	ND	ND
Δ9-THC-C8	0.00067	0.002	ND	ND
Δ9-THCH	0.00067	0.002	1.42	14.2
Δ9-THCP	0.00067	0.002	ND	ND
Δ9-THCV	0.00069	0.0021	ND	ND
Δ9-THCVA	0.00062	0.0019	ND	ND
(6aR,9R)-Δ10-THC	0.00067	0.002	ND	ND
(6aR,9S)-Δ10-THC	0.00067	0.002	ND	ND
exo-THC	0.00067	0.002	ND	ND
(6aR,9R,10aR)-HHC	0.00067	0.002	0.345	3.45
(6aR,9S,10aR)-HHC	0.00067	0.002	0.356	3.56
Total Δ9-THC			ND	ND
Total			8.23	82.3

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; RL = Reporting Limit; Δ = Delta; Total Δ9-THC = Δ9-THCA * 0.877 + Δ9-THC; Total CBD = CBDA * 0.877 + CBD;



Generated By: Ryan Bellone
 Commercial Director
 Date: 07/10/2025



Tested By: Nicholas Howard
 Scientist
 Date: 07/10/2025



ISO/IEC 17025:2017 Accredited
 Accreditation #108651





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Certificate of Analysis

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Twenty One - Pre-rolls 1.75g THCh - Pineapple Punch (Sativa)

Sample ID: SA-250702-64590
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Unit Mass (g):

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Completed: 07/10/2025

Client
Twenty One
1291 Northwest 65th Pl
Fort Lauderdale, FL 33309
USA

Water Activity

Analyte	Result	Unit	LOD	LOQ
Aw	0.568			

Generated By: Ryan Bellone
Commercial Director
Date: 07/10/2025

Tested By:

Date: 07/08/2025



This product or substance has been tested by KCA Laboratories using validated testing methodologies and an ISO/IEC 17025:2017 accredited quality system. Values reported relate only to the product or substance tested. The reported result is based on a sample weight. Unless otherwise stated, results of tests performed on all quality control samples met criteria for acceptance established by KCA Laboratories. KCA Laboratories makes no claims as to the efficacy, safety or other risks associated with any detected or non-detected amounts of any substances reported herein. This Certificate of Analysis shall not be reproduced except in full, without the written approval of KCA Laboratories. KCA Laboratories can provide measurement uncertainty upon request.

Twenty One - Pre-rolls 1.75g THCh - Jelly Roll (Indica)

Sample ID: SA-250702-64594
 Batch: 2510809484705
 Type: Finished Product - Inhalable
 Matrix: Plant - Flower
 Unit Mass (g):

Received: 07/03/2025
 Completed: 07/10/2025

Client
 Twenty One
 1291 Northwest 65th Pl
 Fort Lauderdale, FL 33309
 USA



Summary

Test
 Cannabinoids
 Moisture
 Water Activity

Date Tested
 07/10/2025
 07/10/2025
 07/08/2025

Status
 Tested
 Tested
 Tested

ND	5.05 %	9.45 %	9.40 %	Not Tested	Yes
Total Δ9-THC	CBG	Total Cannabinoids	Moisture Content	Foreign Matter	Internal Standard Normalization



Generated By: Ryan Bellone
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Twenty One - Pre-rolls 1.75g THCh - Jelly Roll (Indica)

Sample ID: SA-250702-64594
 Batch: 2510809484705
 Type: Finished Product - Inhalable
 Matrix: Plant - Flower
 Unit Mass (g):

Received: 07/03/2025
 Completed: 07/10/2025

Client
 Twenty One
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 USA

Cannabinoids by HPLC-PDA and GC-MS/MS

Analyte	LOD (%)	LOQ (%)	Result (% dry)	Result (mg/g dry)
CBC	0.00095	0.0028	ND	ND
CBCA	0.00181	0.0054	ND	ND
CBCV	0.0006	0.0018	ND	ND
CBD	0.00081	0.0024	ND	ND
CBDA	0.00043	0.0013	ND	ND
CBDB	0.00067	0.002	ND	ND
CBD-C8	0.00067	0.002	ND	ND
CBDH	0.00067	0.002	0.0354	0.354
CBDP	0.00067	0.002	ND	ND
CBDV	0.00061	0.0018	ND	ND
CBDVA	0.00021	0.0006	ND	ND
CBG	0.00057	0.0017	5.05	50.5
CBGA	0.00049	0.0015	ND	ND
CBL	0.00112	0.0033	ND	ND
CBLA	0.00124	0.0037	ND	ND
CBN	0.00056	0.0017	0.0515	0.515
CBNA	0.0006	0.0018	ND	ND
CBNP	0.00067	0.002	ND	ND
CBT	0.0018	0.0054	ND	ND
Δ4,8-iso-THC	0.00067	0.002	0.0203	0.203
Δ6a,10a-THC	0.00067	0.002	ND	ND
Δ8-iso-THC	0.00067	0.002	ND	ND
Δ8-THC	0.00104	0.0031	1.76	17.6
Δ8-THCB	0.00067	0.002	ND	ND
Δ8-THC-C8	0.00067	0.002	ND	ND
Δ8-THCH	0.00067	0.002	0.0131	0.131
Δ8-THCP	0.00067	0.002	ND	ND
Δ8-THCV	0.00067	0.002	0.00618	0.0618
Δ9-THC	0.00076	0.0023	ND	ND
Δ9-THCA	0.00084	0.0025	ND	ND
Δ9-THCB	0.00067	0.002	ND	ND
Δ9-THC-C8	0.00067	0.002	ND	ND
Δ9-THCH	0.00067	0.002	1.71	17.1
Δ9-THCP	0.00067	0.002	ND	ND
Δ9-THCV	0.00069	0.0021	ND	ND
Δ9-THCVA	0.00062	0.0019	ND	ND
(6aR,9R)-Δ10-THC	0.00067	0.002	ND	ND
(6aR,9S)-Δ10-THC	0.00067	0.002	ND	ND
exo-THC	0.00067	0.002	ND	ND
(6aR,9R,10aR)-HHC	0.00067	0.002	0.315	3.15
(6aR,9S,10aR)-HHC	0.00067	0.002	0.493	4.93
Total Δ9-THC			ND	ND
Total			9.45	94.5

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; RL = Reporting Limit; Δ = Delta; Total Δ9-THC = Δ9-THCA * 0.877 + Δ9-THC; Total CBD = CBDA * 0.877 + CBD;



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 Commercial Director
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Tested By: Nicholas Howard
 Scientist
 Date: 07/10/2025



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Sample ID: SA-250702-64594
 Batch: 2510809484705
 Type: Finished Product - Inhalable
 Matrix: Plant - Flower
 Unit Mass (g):

Received: 07/03/2025
 Completed: 07/10/2025

Client
 Twenty One
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 Fort Lauderdale, FL 33309
 USA

Water Activity

Analyte	Result	Unit	LOD	LOQ
Aw	0.548			



Generated By: Ryan Bellone
 Commercial Director
 Date: 07/10/2025

Tested By:

Date: 07/08/2025



Twenty One - Pre-rolls 1.75g THCh - Lime Sorbet (Indica)

Sample ID: SA-250702-64595
 Batch: 2510809484706
 Type: Finished Product - Inhalable
 Matrix: Plant - Flower
 Unit Mass (g):

Received: 07/03/2025
 Completed: 07/10/2025

Client
 Twenty One
 1291 Northwest 65th Pl
 Fort Lauderdale, FL 33309
 USA



Summary

Test
 Cannabinoids
 Moisture
 Water Activity

Date Tested
 07/10/2025
 07/10/2025
 07/08/2025

Status
 Tested
 Tested
 Tested

ND	4.93 %	9.29 %	9.53 %	Not Tested	Yes
Total Δ9-THC	CBG	Total Cannabinoids	Moisture Content	Foreign Matter	Internal Standard Normalization



Generated By: Ryan Bellone
 Commercial Director
 Date: 07/10/2025



Twenty One - Pre-rolls 1.75g THCh - Lime Sorbet (Indica)

Sample ID: SA-250702-64595
 Batch: 2510809484706
 Type: Finished Product - Inhalable
 Matrix: Plant - Flower
 Unit Mass (g):

Received: 07/03/2025
 Completed: 07/10/2025

Client
 Twenty One
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 Fort Lauderdale, FL 33309
 USA

Cannabinoids by HPLC-PDA and GC-MS/MS

Analyte	LOD (%)	LOQ (%)	Result (% dry)	Result (mg/g dry)
CBC	0.00095	0.0028	ND	ND
CBCA	0.00181	0.0054	ND	ND
CBCV	0.0006	0.0018	ND	ND
CBD	0.00081	0.0024	ND	ND
CBDA	0.00043	0.0013	ND	ND
CBDB	0.00067	0.002	ND	ND
CBD-C8	0.00067	0.002	ND	ND
CBDH	0.00067	0.002	0.0217	0.217
CBDP	0.00067	0.002	ND	ND
CBDV	0.00061	0.0018	ND	ND
CBDVA	0.00021	0.0006	ND	ND
CBG	0.00057	0.0017	4.93	49.3
CBGA	0.00049	0.0015	ND	ND
CBL	0.00112	0.0033	ND	ND
CBLA	0.00124	0.0037	ND	ND
CBN	0.00056	0.0017	0.0481	0.481
CBNA	0.0006	0.0018	ND	ND
CBNP	0.00067	0.002	ND	ND
CBT	0.0018	0.0054	ND	ND
Δ4,8-iso-THC	0.00067	0.002	0.0223	0.223
Δ6a,10a-THC	0.00067	0.002	ND	ND
Δ8-iso-THC	0.00067	0.002	ND	ND
Δ8-THC	0.00104	0.0031	1.76	17.6
Δ8-THCB	0.00067	0.002	ND	ND
Δ8-THC-C8	0.00067	0.002	ND	ND
Δ8-THCH	0.00067	0.002	0.0145	0.145
Δ8-THCP	0.00067	0.002	ND	ND
Δ8-THCV	0.00067	0.002	0.00962	0.0962
Δ9-THC	0.00076	0.0023	ND	ND
Δ9-THCA	0.00084	0.0025	ND	ND
Δ9-THCB	0.00067	0.002	ND	ND
Δ9-THC-C8	0.00067	0.002	ND	ND
Δ9-THCH	0.00067	0.002	1.53	15.3
Δ9-THCP	0.00067	0.002	ND	ND
Δ9-THCV	0.00069	0.0021	ND	ND
Δ9-THCVA	0.00062	0.0019	ND	ND
(6aR,9R)-Δ10-THC	0.00067	0.002	ND	ND
(6aR,9S)-Δ10-THC	0.00067	0.002	ND	ND
exo-THC	0.00067	0.002	ND	ND
(6aR,9R,10aR)-HHC	0.00067	0.002	0.492	4.92
(6aR,9S,10aR)-HHC	0.00067	0.002	0.466	4.66
Total Δ9-THC			ND	ND
Total			9.29	92.9

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; RL = Reporting Limit; Δ = Delta; Total Δ9-THC = Δ9-THCA * 0.877 + Δ9-THC; Total CBD = CBDA * 0.877 + CBD;



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 Scientist
 Date: 07/10/2025



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Certificate of Analysis

3 of 3

Twenty One - Pre-rolls 1.75g THCh - Lime Sorbet (Indica)

Sample ID: SA-250702-64595
Batch: 2510809484706
Type: Finished Product - Inhalable
Matrix: Plant - Flower
Unit Mass (g):

Received: 07/03/2025
Completed: 07/10/2025

Client
Twenty One
1291 Northwest 65th Pl
Fort Lauderdale, FL 33309
USA

Water Activity

Analyte	Result	Unit	LOD	LOQ
Aw	0.560			

Generated By: Ryan Bellone
Commercial Director
Date: 07/10/2025

Tested By:

Date: 07/08/2025



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