


Prepared for:
CULTS


AMERICAN APPLE PIE

Batch ID or Lot Number: 00102	Test: Dry Weight Potency	Reported: 12Sep2024	USDA License: NA
Matrix: Plant	Test ID: T000289834	Started: 11Sep2024	Sampler ID: NA
	Method(s): TM14 (HPLC-DAD) \ TM21 (Karl Fischer)	Received: 10Sep2024	Status: NA

Cannabinoids	LOD (%)	LOQ (%)	Dry Weight Result (%)	MU Range (%)	Notes
Cannabichromene (CBC)	0.052	0.161	ND	ND	Dried Sample Moisture Content = 75.0% Measurement Uncertainty = 7.73%
Cannabichromenic Acid (CBCA)	0.048	0.147	1.006	0.928 - 1.084	
Cannabidiol (CBD)	0.149	0.383	ND	ND	
Cannabidiolic Acid (CBDA)	0.153	0.393	ND	ND	
Cannabidivarin (CBDV)	0.035	0.091	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.064	0.164	ND	ND	
Cannabigerol (CBG)	0.030	0.091	ND	ND	
Cannabigerolic Acid (CBGA)	0.124	0.382	1.426	1.316 - 1.536	
Cannabinol (CBN)	0.039	0.119	ND	ND	
Cannabinolic Acid (CBNA)	0.084	0.260	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.147	0.455	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.134	0.413	ND	ND	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.119	0.366	39.558	36.500 - 42.616	
Tetrahydrocannabivarin (THCV)	0.027	0.083	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.105	0.323	ND	ND	
Total Cannabinoids			41.990	38.666 - 45.314	
Total Potential THC			34.692	32.011 - 37.374	

Final Approval


 Sam Smith
 12Sep2024
 02:30:00 PM MDT
 PREPARED BY / DATE


 Karen Winternheimer
 12Sep2024
 02:32:00 PM MDT
 APPROVED BY / DATE



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Definitions
 % = % (w/w) = Percent (weight of analyte / weight of product). ND = None Detected (defined by dynamic range of the method).
 Percentage of Delta 9-THC on a dry weight basis = The percentage of Delta 9-THC by weight in cannabis item after excluding all moisture from the item. Total Potential Delta 9-THC or CBD is calculated to take into account the loss of a carboxyl group during decarboxylation step, using the following formulas: Total Potential Delta 9-THC = Delta 9-THC + (Delta 9-THCa * (0.877)) and Total CBD = CBD + (CBDa * (0.877)). Fail equates to a concentration level of Delta 9-THC, on a dry weight basis, higher than 0.3 percent + or - the measurement uncertainty.

Testing results are based solely upon the sample submitted to SC Laboratories, Inc., in the condition it was received. SC Laboratories, Inc., warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. Data was generated using an unbroken chain of comparison to NIST traceable Reference Standards and Certified Reference Materials. This report may not be reproduced, except in full, without the written approval of SC Laboratories, Inc. ISO/IEC 17025:2017 A2LA Cert #: 4329.02 Chemical; 4329.03 Biological.



Cert #4329.02
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Blueberry Lemon Swirl


Prepared for:
CULTS

Batch ID or Lot Number: 00102	Test: Dry Weight Potency	Reported: 12Sep2024	USDA License: NA
Matrix: Plant	Test ID: T000289827	Started: 11Sep2024	Sampler ID: NA
	Method(s): TM14 (HPLC-DAD) \ TM21 (Karl Fischer)	Received: 10Sep2024	Status: NA

Cannabinoids	LOD (%)	LOQ (%)	Dry Weight Result (%)	MU Range (%)	Notes
Cannabichromene (CBC)	0.049	0.153	ND	ND	Dried Sample Moisture Content = 76.73% Measurement Uncertainty = 7.73%
Cannabichromenic Acid (CBCA)	0.045	0.140	0.743	0.686 - 0.800	
Cannabidiol (CBD)	0.142	0.364	1.085	1.001 - 1.169	
Cannabidiolic Acid (CBDA)	0.146	0.373	ND	ND	
Cannabidivarin (CBDV)	0.034	0.086	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.061	0.156	ND	ND	
Cannabigerol (CBG)	0.028	0.087	ND	ND	
Cannabigerolic Acid (CBGA)	0.117	0.362	ND	ND	
Cannabinol (CBN)	0.037	0.113	ND	ND	
Cannabinolic Acid (CBNA)	0.080	0.247	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.140	0.432	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.127	0.392	ND	ND	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.113	0.347	37.147	34.276 - 40.018	
Tetrahydrocannabivarin (THCV)	0.026	0.079	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.099	0.306	ND	ND	
Total Cannabinoids			38.975	35.941 - 42.009	
Total Potential THC			32.578	30.060 - 35.096	

Final Approval


 Sam Smith
 12Sep2024
 02:30:00 PM MDT
 PREPARED BY / DATE


 Karen Winternheimer
 12Sep2024
 02:32:00 PM MDT
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Definitions
 % = % (w/w) = Percent (weight of analyte / weight of product). ND = None Detected (defined by dynamic range of the method).
 Percentage of Delta 9-THC on a dry weight basis = The percentage of Delta 9-THC by weight in cannabis item after excluding all moisture from the item. Total Potential Delta 9-THC or CBD is calculated to take into account the loss of a carboxyl group during decarboxylation step, using the following formulas: Total Potential Delta 9-THC = Delta 9-THC + (Delta 9-THCa *(0.877)) and Total CBD = CBD + (CBDa *(0.877)). Fail equates to a concentration level of Delta 9-THC, on a dry weight basis, higher than 0.3 percent + or - the measurement uncertainty.

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Cherry Collada


Prepared for:
CULTS

Batch ID or Lot Number: 00102	Test: Dry Weight Potency	Reported: 12Sep2024	USDA License: NA
Matrix: Plant	Test ID: T000289840	Started: 11Sep2024	Sampler ID: NA
	Method(s): TM14 (HPLC-DAD) \ TM21 (Karl Fischer)	Received: 10Sep2024	Status: NA

Cannabinoids	LOD (%)	LOQ (%)	Dry Weight Result (%)	MU Range (%)	Notes
Cannabichromene (CBC)	0.047	0.144	ND	ND	Dried Sample Moisture Content = 76.52% Measurement Uncertainty = 7.73%
Cannabichromenic Acid (CBCA)	0.043	0.131	0.900	0.830 - 0.970	
Cannabidiol (CBD)	0.133	0.342	ND	ND	
Cannabidiolic Acid (CBDA)	0.137	0.351	ND	ND	
Cannabidivarin (CBDV)	0.032	0.081	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.057	0.146	ND	ND	
Cannabigerol (CBG)	0.026	0.082	ND	ND	
Cannabigerolic Acid (CBGA)	0.110	0.341	1.312	1.211 - 1.413	
Cannabinol (CBN)	0.034	0.106	ND	ND	
Cannabinolic Acid (CBNA)	0.075	0.233	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.132	0.406	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.120	0.369	ND	ND	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.106	0.327	36.683	33.847 - 39.519	
Tetrahydrocannabivarin (THCV)	0.024	0.074	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.093	0.288	ND	ND	
Total Cannabinoids			38.895	35.841 - 41.949	
Total Potential THC			32.171	29.684 - 34.658	

Final Approval


 Sam Smith
 12Sep2024
 02:30:00 PM MDT
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 Karen Winternheimer
 12Sep2024
 02:32:00 PM MDT
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Definitions
 % = % (w/w) = Percent (weight of analyte / weight of product). ND = None Detected (defined by dynamic range of the method).
 Percentage of Delta 9-THC on a dry weight basis = The percentage of Delta 9-THC by weight in cannabis item after excluding all moisture from the item. Total Potential Delta 9-THC or CBD is calculated to take into account the loss of a carboxyl group during decarboxylation step, using the following formulas: Total Potential Delta 9-THC = Delta 9-THC + (Delta 9-THCa * (0.877)) and Total CBD = CBD + (CBDa * (0.877)). Fail equates to a concentration level of Delta 9-THC, on a dry weight basis, higher than 0.3 percent + or - the measurement uncertainty.

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Prepared for:
CULTS

Fruity Pebble Gummy

Batch ID or Lot Number: 00103	Test: Dry Weight Potency	Reported: 13Sep2024	USDA License: NA
Matrix: Plant	Test ID: T000289848	Started: 11Sep2024	Sampler ID: NA
	Method(s): TM14 (HPLC-DAD) \ TM21 (Karl Fischer)	Received: 10Sep2024	Status: NA

Cannabinoids	LOD (%)	LOQ (%)	Dry Weight Result (%)	MU Range (%)	Notes
Cannabichromene (CBC)	0.050	0.155	ND	ND	Dried Sample Moisture
Cannabichromenic Acid (CBCA)	0.046	0.141	0.816	0.753 - 0.879	Content = 73.67%
Cannabidiol (CBD)	0.144	0.368	ND	ND	Measurement
Cannabidiolic Acid (CBDA)	0.147	0.378	ND	ND	Uncertainty = 7.73%
Cannabidivarin (CBDV)	0.034	0.087	ND	ND	Amendment to,
Cannabidivarinic Acid (CBDVA)	0.061	0.158	ND	ND	T000289848, issued on
Cannabigerol (CBG)	0.028	0.088	ND	ND	12 September 2024, to
Cannabigerolic Acid (CBGA)	0.119	0.367	1.251	1.154 - 1.348	correct sample name.
Cannabinol (CBN)	0.037	0.115	ND	ND	
Cannabinolic Acid (CBNA)	0.081	0.250	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.142	0.437	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.129	0.397	ND	ND	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.114	0.352	32.765	30.232 - 35.298	
Tetrahydrocannabivarin (THCV)	0.026	0.080	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.101	0.310	ND	ND	
Total Cannabinoids			34.832	32.094 - 37.570	
Total Potential THC			28.735	26.514 - 30.956	

Final Approval



Karen Winternheimer
13Sep2024
03:55:00 PM MDT

PREPARED BY / DATE



Sam Smith
13Sep2024
03:58:00 PM MDT

APPROVED BY / DATE



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Definitions

% = % (w/w) = Percent (weight of analyte / weight of product). ND = None Detected (defined by dynamic range of the method). Percentage of Delta 9-THC on a dry weight basis = The percentage of Delta 9-THC by weight in cannabis item after excluding all moisture from the item. Total Potential Delta 9-THC or CBD is calculated to take into account the loss of a carboxyl group during decarboxylation step, using the following formulas: Total Potential Delta 9-THC = Delta 9-THC + (Delta 9-THCa *(0.877)) and Total CBD = CBD + (CBDa *(0.877)). Fail equates to a concentration level of Delta 9-THC, on a dry weight basis, higher than 0.3 percent + or - the measurement uncertainty.

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Cert #4329.02
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Lemon Cotton Pop


Prepared for:
CULTS

Batch ID or Lot Number: 00102	Test: Dry Weight Potency	Reported: 12Sep2024	USDA License: NA
Matrix: Plant	Test ID: T000289819	Started: 11Sep2024	Sampler ID: NA
	Method(s): TM14 (HPLC-DAD) \ TM21 (Karl Fischer)	Received: 10Sep2024	Status: NA

Cannabinoids	LOD (%)	LOQ (%)	Dry Weight Result (%)	MU Range (%)	Notes
Cannabichromene (CBC)	0.046	0.141	ND	ND	Dried Sample Moisture Content = 75.61% Measurement Uncertainty = 7.73%
Cannabichromenic Acid (CBCA)	0.042	0.129	0.693	0.639 - 0.747	
Cannabidiol (CBD)	0.131	0.336	ND	ND	
Cannabidiolic Acid (CBDA)	0.135	0.345	ND	ND	
Cannabidivarin (CBDV)	0.031	0.080	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.056	0.144	ND	ND	
Cannabigerol (CBG)	0.026	0.080	ND	ND	
Cannabigerolic Acid (CBGA)	0.109	0.335	1.372	1.266 - 1.478	
Cannabinol (CBN)	0.034	0.105	ND	ND	
Cannabinolic Acid (CBNA)	0.074	0.229	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.129	0.399	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.117	0.363	ND	ND	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.104	0.321	31.905	29.439 - 34.371	
Tetrahydrocannabivarin (THCV)	0.024	0.073	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.092	0.283	ND	ND	
Total Cannabinoids			33.970	31.299 - 36.641	
Total Potential THC			27.981	25.818 - 30.144	

Final Approval


 Sam Smith
 12Sep2024
 02:30:00 PM MDT
 PREPARED BY / DATE


 Karen Winternheimer
 12Sep2024
 02:32:00 PM MDT
 APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/43bb6cde-c892-4f49-b23f-4d93c7efb6e0>

Definitions
 % = % (w/w) = Percent (weight of analyte / weight of product). ND = None Detected (defined by dynamic range of the method).
 Percentage of Delta 9-THC on a dry weight basis = The percentage of Delta 9-THC by weight in cannabis item after excluding all moisture from the item. Total Potential Delta 9-THC or CBD is calculated to take into account the loss of a carboxyl group during decarboxylation step, using the following formulas: Total Potential Delta 9-THC = Delta 9-THC + (Delta 9-THCa * (0.877)) and Total CBD = CBD + (CBDa * (0.877)). Fail equates to a concentration level of Delta 9-THC, on a dry weight basis, higher than 0.3 percent + or - the measurement uncertainty.

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Prepared for:
CULTS

Marshmallow Banana Split

Batch ID or Lot Number: 00103	Test: Dry Weight Potency	Reported: 13Sep2024	USDA License: NA
Matrix: Plant	Test ID: T000289844	Started: 11Sep2024	Sampler ID: NA
	Method(s): TM14 (HPLC-DAD) \ TM21 (Karl Fischer)	Received: 10Sep2024	Status: NA

Cannabinoids	LOD (%)	LOQ (%)	Dry Weight Result (%)	MU Range (%)	Notes
Cannabichromene (CBC)	0.046	0.141	ND	ND	Dried Sample Moisture
Cannabichromenic Acid (CBCA)	0.042	0.129	0.878	0.810 - 0.946	Content = 69.73%
Cannabidiol (CBD)	0.131	0.335	ND	ND	Measurement
Cannabidiolic Acid (CBDA)	0.134	0.344	ND	ND	Uncertainty = 7.73%
Cannabidivarin (CBDV)	0.031	0.079	ND	ND	Amendment to,
Cannabidivarinic Acid (CBDVA)	0.056	0.144	ND	ND	T000289844, issued on
Cannabigerol (CBG)	0.026	0.080	ND	ND	12 September 2024, to
Cannabigerolic Acid (CBGA)	0.108	0.334	1.035	0.955 - 1.115	correct sample name.
Cannabinol (CBN)	0.034	0.104	ND	ND	
Cannabinolic Acid (CBNA)	0.074	0.228	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.129	0.398	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.117	0.362	ND	ND	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.104	0.320	31.325	28.904 - 33.746	
Tetrahydrocannabivarin (THCV)	0.024	0.073	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.092	0.283	ND	ND	
Total Cannabinoids			33.238	30.615 - 35.861	
Total Potential THC			27.472	25.348 - 29.596	

Final Approval



Karen Winternheimer
13Sep2024
03:55:00 PM MDT

PREPARED BY / DATE



Sam Smith
13Sep2024
03:58:00 PM MDT

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Definitions

% = % (w/w) = Percent (weight of analyte / weight of product). ND = None Detected (defined by dynamic range of the method). Percentage of Delta 9-THC on a dry weight basis = The percentage of Delta 9-THC by weight in cannabis item after excluding all moisture from the item. Total Potential Delta 9-THC or CBD is calculated to take into account the loss of a carboxyl group during decarboxylation step, using the following formulas: Total Potential Delta 9-THC = Delta 9-THC + (Delta 9-THCa * (0.877)) and Total CBD = CBD + (CBDa * (0.877)). Fail equates to a concentration level of Delta 9-THC, on a dry weight basis, higher than 0.3 percent + or - the measurement uncertainty.

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Peachy Cream Dream

Prepared for:
CULTS

Batch ID or Lot Number: 00103	Test: Dry Weight Potency	Reported: 13Sep2024	USDA License: NA
Matrix: Plant	Test ID: T000289845	Started: 11Sep2024	Sampler ID: NA
	Method(s): TM14 (HPLC-DAD) \ TM21 (Karl Fischer)	Received: 10Sep2024	Status: NA

Cannabinoids	LOD (%)	LOQ (%)	Dry Weight Result (%)	MU Range (%)	Notes
Cannabichromene (CBC)	0.040	0.124	ND	ND	Dried Sample Moisture
Cannabichromenic Acid (CBCA)	0.037	0.114	0.838	0.773 - 0.903	Content = 76.43%
Cannabidiol (CBD)	0.116	0.296	ND	ND	Measurement
Cannabidiolic Acid (CBDA)	0.118	0.304	ND	ND	Uncertainty = 7.73%
Cannabidivarin (CBDV)	0.027	0.070	ND	ND	Amendment to,
Cannabidivarinic Acid (CBDVA)	0.049	0.127	ND	ND	T000289845, issued on
Cannabigerol (CBG)	0.023	0.071	ND	ND	12 September 2024, to
Cannabigerolic Acid (CBGA)	0.096	0.295	0.956	0.882 - 1.030	correct sample name.
Cannabinol (CBN)	0.030	0.092	ND	ND	
Cannabinolic Acid (CBNA)	0.065	0.201	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.114	0.351	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.103	0.319	ND	ND	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.092	0.283	31.236	28.821 - 33.651	
Tetrahydrocannabivarin (THCV)	0.021	0.064	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.081	0.249	ND	ND	
Total Cannabinoids			33.030	30.458 - 35.602	
Total Potential THC			27.394	25.276 - 29.512	

Final Approval



Karen Winternheimer
13Sep2024
03:55:00 PM MDT

PREPARED BY / DATE



Sam Smith
13Sep2024
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APPROVED BY / DATE



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Definitions

% = % (w/w) = Percent (weight of analyte / weight of product). ND = None Detected (defined by dynamic range of the method). Percentage of Delta 9-THC on a dry weight basis = The percentage of Delta 9-THC by weight in cannabis item after excluding all moisture from the item. Total Potential Delta 9-THC or CBD is calculated to take into account the loss of a carboxyl group during decarboxylation step, using the following formulas: Total Potential Delta 9-THC = Delta 9-THC + (Delta 9-THCa * (0.877)) and Total CBD = CBD + (CBDa * (0.877)). Fail equates to a concentration level of Delta 9-THC, on a dry weight basis, higher than 0.3 percent + or - the measurement uncertainty.

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Cert #4329.02

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Rainbow Skittles Swirl

Prepared for:
CULTS

Batch ID or Lot Number: 00103	Test: Dry Weight Potency	Reported: 13Sep2024	USDA License: NA
Matrix: Plant	Test ID: T000289846	Started: 11Sep2024	Sampler ID: NA
	Method(s): TM14 (HPLC-DAD) \ TM21 (Karl Fischer)	Received: 10Sep2024	Status: NA

Cannabinoids	LOD (%)	LOQ (%)	Dry Weight Result (%)	MU Range (%)	Notes
Cannabichromene (CBC)	0.045	0.140	ND	ND	Dried Sample Moisture
Cannabichromenic Acid (CBCA)	0.041	0.128	0.784	0.723 - 0.845	Content = 67.31%
Cannabidiol (CBD)	0.130	0.333	ND	ND	Measurement
Cannabidiolic Acid (CBDA)	0.133	0.342	ND	ND	Uncertainty = 7.73%
Cannabidivarin (CBDV)	0.031	0.079	ND	ND	Amendment to,
Cannabidivarinic Acid (CBDVA)	0.056	0.143	ND	ND	T000289846, issued on
Cannabigerol (CBG)	0.026	0.079	ND	ND	12 September 2024, to
Cannabigerolic Acid (CBGA)	0.108	0.332	1.326	1.224 - 1.428	correct sample name.
Cannabinol (CBN)	0.034	0.104	ND	ND	
Cannabinolic Acid (CBNA)	0.073	0.226	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.128	0.395	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.116	0.359	ND	ND	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.103	0.318	30.659	28.289 - 33.029	
Tetrahydrocannabivarin (THCV)	0.023	0.072	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.091	0.281	ND	ND	
Total Cannabinoids			32.769	30.183 - 35.355	
Total Potential THC			26.888	24.809 - 28.966	

Final Approval



Karen Winternheimer
13Sep2024
03:55:00 PM MDT

PREPARED BY / DATE



Sam Smith
13Sep2024
03:58:00 PM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/9e27b912-875b-4715-a99c-672597be524e>

Definitions

% = % (w/w) = Percent (weight of analyte / weight of product). ND = None Detected (defined by dynamic range of the method). Percentage of Delta 9-THC on a dry weight basis = The percentage of Delta 9-THC by weight in cannabis item after excluding all moisture from the item. Total Potential Delta 9-THC or CBD is calculated to take into account the loss of a carboxyl group during decarboxylation step, using the following formulas: Total Potential Delta 9-THC = Delta 9-THC + (Delta 9-THCa *(0.877)) and Total CBD = CBD + (CBDa *(0.877)). Fail equates to a concentration level of Delta 9-THC, on a dry weight basis, higher than 0.3 percent + or - the measurement uncertainty.

Testing results are based solely upon the sample submitted to SC Laboratories, Inc., in the condition it was received. SC Laboratories, Inc., warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. Data was generated using an unbroken chain of comparison to NIST traceable Reference Standards and Certified Reference Materials. This report may not be reproduced, except in full, without the written approval of SC Laboratories, Inc. ISO/IEC 17025:2017 A2LA Cert #: 4329.02 Chemical; 4329.03 Biological.



Cert #4329.02

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Prepared for:
CULTS


Russian Cream

Batch ID or Lot Number: 00102	Test: Dry Weight Potency	Reported: 12Sep2024	USDA License: NA
Matrix: Plant	Test ID: T000289842	Started: 11Sep2024	Sampler ID: NA
	Method(s): TM14 (HPLC-DAD) \ TM21 (Karl Fischer)	Received: 10Sep2024	Status: NA

Cannabinoids	LOD (%)	LOQ (%)	Dry Weight Result (%)	MU Range (%)	Notes
Cannabichromene (CBC)	0.041	0.127	ND	ND	Dried Sample Moisture Content = 75.92% Measurement Uncertainty = 7.73%
Cannabichromenic Acid (CBCA)	0.038	0.117	0.703	0.649 - 0.757	
Cannabidiol (CBD)	0.118	0.304	ND	ND	
Cannabidiolic Acid (CBDA)	0.121	0.311	ND	ND	
Cannabidivarin (CBDV)	0.028	0.072	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.051	0.130	ND	ND	
Cannabigerol (CBG)	0.023	0.072	0.125	0.115 - 0.135	
Cannabigerolic Acid (CBGA)	0.098	0.302	1.436	1.325 - 1.547	
Cannabinol (CBN)	0.031	0.094	ND	ND	
Cannabinolic Acid (CBNA)	0.067	0.206	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.117	0.360	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.106	0.327	ND	ND	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.094	0.290	31.935	29.466 - 34.404	
Tetrahydrocannabivarin (THCV)	0.021	0.066	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.083	0.256	ND	ND	
Total Cannabinoids			34.199	31.504 - 36.894	
Total Potential THC			28.007	25.842 - 30.172	

Final Approval


 Sam Smith
 12Sep2024
 02:30:00 PM MDT
 PREPARED BY / DATE


 Karen Winternheimer
 12Sep2024
 02:32:00 PM MDT
 APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/c7e3ba94-8109-4bd1-b2ad-204bf4e638ef>

Definitions
 % = % (w/w) = Percent (weight of analyte / weight of product). ND = None Detected (defined by dynamic range of the method).
 Percentage of Delta 9-THC on a dry weight basis = The percentage of Delta 9-THC by weight in cannabis item after excluding all moisture from the item. Total Potential Delta 9-THC or CBD is calculated to take into account the loss of a carboxyl group during decarboxylation step, using the following formulas: Total Potential Delta 9-THC = Delta 9-THC + (Delta 9-THCa * (0.877)) and Total CBD = CBD + (CBDa * (0.877)). Fail equates to a concentration level of Delta 9-THC, on a dry weight basis, higher than 0.3 percent + or - the measurement uncertainty.

Testing results are based solely upon the sample submitted to SC Laboratories, Inc., in the condition it was received. SC Laboratories, Inc., warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. Data was generated using an unbroken chain of comparison to NIST traceable Reference Standards and Certified Reference Materials. This report may not be reproduced, except in full, without the written approval of SC Laboratories, Inc. ISO/IEC 17025:2017 A2LA Cert #: 4329.02 Chemical; 4329.03 Biological.



Cert #4329.02
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Toasted Strawberry Lemon


Prepared for:
CULTS

Batch ID or Lot Number: 00102	Test: Dry Weight Potency	Reported: 12Sep2024	USDA License: NA
Matrix: Plant	Test ID: T000289843	Started: 11Sep2024	Sampler ID: NA
	Method(s): TM14 (HPLC-DAD) \ TM21 (Karl Fischer)	Received: 10Sep2024	Status: NA

Cannabinoids	LOD (%)	LOQ (%)	Dry Weight Result (%)	MU Range (%)	Notes
Cannabichromene (CBC)	0.043	0.133	ND	ND	Dried Sample Moisture Content = 75.86% Measurement Uncertainty = 7.73%
Cannabichromenic Acid (CBCA)	0.039	0.121	0.578	0.533 - 0.623	
Cannabidiol (CBD)	0.123	0.316	ND	ND	
Cannabidiolic Acid (CBDA)	0.126	0.324	ND	ND	
Cannabidivarin (CBDV)	0.029	0.075	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.053	0.135	ND	ND	
Cannabigerol (CBG)	0.024	0.075	0.169	0.156 - 0.182	
Cannabigerolic Acid (CBGA)	0.102	0.315	1.966	1.814 - 2.118	
Cannabinol (CBN)	0.032	0.098	ND	ND	
Cannabinolic Acid (CBNA)	0.070	0.215	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.122	0.375	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.110	0.340	ND	ND	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.098	0.302	31.067	28.666 - 33.468	
Tetrahydrocannabivarin (THCV)	0.022	0.068	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.086	0.266	ND	ND	
Total Cannabinoids			33.780	31.151 - 36.409	
Total Potential THC			27.246	25.140 - 29.352	

Final Approval


 Sam Smith
 12Sep2024
 02:30:00 PM MDT
 PREPARED BY / DATE


 Karen Winternheimer
 12Sep2024
 02:32:00 PM MDT
 APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/a32a8762-3d81-457c-9b1f-abb6c2ef6292>

Definitions
 % = % (w/w) = Percent (weight of analyte / weight of product). ND = None Detected (defined by dynamic range of the method).
 Percentage of Delta 9-THC on a dry weight basis = The percentage of Delta 9-THC by weight in cannabis item after excluding all moisture from the item. Total Potential Delta 9-THC or CBD is calculated to take into account the loss of a carboxyl group during decarboxylation step, using the following formulas: Total Potential Delta 9-THC = Delta 9-THC + (Delta 9-THCa *(0.877)) and Total CBD = CBD + (CBDa *(0.877)). Fail equates to a concentration level of Delta 9-THC, on a dry weight basis, higher than 0.3 percent + or - the measurement uncertainty.

Testing results are based solely upon the sample submitted to SC Laboratories, Inc., in the condition it was received. SC Laboratories, Inc., warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. Data was generated using an unbroken chain of comparison to NIST traceable Reference Standards and Certified Reference Materials. This report may not be reproduced, except in full, without the written approval of SC Laboratories, Inc. ISO/IEC 17025:2017 A2LA Cert #: 4329.02 Chemical; 4329.03 Biological.



Cert #4329.02
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Unicorn Blueberry


Prepared for:
CULTS

Batch ID or Lot Number: 00102	Test: Dry Weight Potency	Reported: 12Sep2024	USDA License: NA
Matrix: Plant	Test ID: T000289826	Started: 11Sep2024	Sampler ID: NA
	Method(s): TM14 (HPLC-DAD) \ TM21 (Karl Fischer)	Received: 10Sep2024	Status: NA

Cannabinoids	LOD (%)	LOQ (%)	Dry Weight Result (%)	MU Range (%)	Notes
Cannabichromene (CBC)	0.051	0.157	ND	ND	Dried Sample Moisture Content = 77.26% Measurement Uncertainty = 7.73%
Cannabichromenic Acid (CBCA)	0.046	0.143	0.661	0.610 - 0.712	
Cannabidiol (CBD)	0.146	0.373	ND	ND	
Cannabidiolic Acid (CBDA)	0.149	0.383	ND	ND	
Cannabidivarin (CBDV)	0.034	0.088	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.062	0.160	ND	ND	
Cannabigerol (CBG)	0.029	0.089	ND	ND	
Cannabigerolic Acid (CBGA)	0.120	0.372	0.927	0.855 - 0.999	
Cannabinol (CBN)	0.038	0.116	ND	ND	
Cannabinolic Acid (CBNA)	0.082	0.254	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.144	0.443	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.130	0.402	ND	ND	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.115	0.356	31.036	28.637 - 33.435	
Tetrahydrocannabivarin (THCV)	0.026	0.081	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.102	0.314	ND	ND	
Total Cannabinoids			32.624	30.102 - 35.146	
Total Potential THC			27.219	25.115 - 29.323	

Final Approval


 Sam Smith
 12Sep2024
 02:30:00 PM MDT
 PREPARED BY / DATE


 Karen Winternheimer
 12Sep2024
 02:32:00 PM MDT
 APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/5bbf90bc-1166-460d-ba7d-31d597549214>

Definitions
 % = % (w/w) = Percent (weight of analyte / weight of product). ND = None Detected (defined by dynamic range of the method).
 Percentage of Delta 9-THC on a dry weight basis = The percentage of Delta 9-THC by weight in cannabis item after excluding all moisture from the item. Total Potential Delta 9-THC or CBD is calculated to take into account the loss of a carboxyl group during decarboxylation step, using the following formulas: Total Potential Delta 9-THC = Delta 9-THC + (Delta 9-THCa *(0.877)) and Total CBD = CBD + (CBDa *(0.877)). Fail equates to a concentration level of Delta 9-THC, on a dry weight basis, higher than 0.3 percent + or - the measurement uncertainty.

Testing results are based solely upon the sample submitted to SC Laboratories, Inc., in the condition it was received. SC Laboratories, Inc., warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. Data was generated using an unbroken chain of comparison to NIST traceable Reference Standards and Certified Reference Materials. This report may not be reproduced, except in full, without the written approval of SC Laboratories, Inc. ISO/IEC 17025:2017 A2LA Cert #: 4329.02 Chemical; 4329.03 Biological.



Cert #4329.02
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Prepared for:
CULTS


Watermelon Starburst

Batch ID or Lot Number: 00102	Test: Dry Weight Potency	Reported: 12Sep2024	USDA License: NA
Matrix: Plant	Test ID: T000289838	Started: 11Sep2024	Sampler ID: NA
	Method(s): TM14 (HPLC-DAD) \ TM21 (Karl Fischer)	Received: 10Sep2024	Status: NA

Cannabinoids	LOD (%)	LOQ (%)	Dry Weight Result (%)	MU Range (%)	Notes
Cannabichromene (CBC)	0.038	0.118	ND	ND	Dried Sample Moisture Content = 76.17% Measurement Uncertainty = 7.73%
Cannabichromenic Acid (CBCA)	0.035	0.108	0.546	0.504 - 0.588	
Cannabidiol (CBD)	0.110	0.282	ND	ND	
Cannabidiolic Acid (CBDA)	0.113	0.289	ND	ND	
Cannabidivarin (CBDV)	0.026	0.067	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.047	0.121	ND	ND	
Cannabigerol (CBG)	0.022	0.067	0.139	0.128 - 0.150	
Cannabigerolic Acid (CBGA)	0.091	0.281	1.369	1.263 - 1.475	
Cannabinol (CBN)	0.028	0.088	ND	ND	
Cannabinolic Acid (CBNA)	0.062	0.192	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.108	0.335	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.098	0.304	ND	ND	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.087	0.269	29.682	27.388 - 31.976	
Tetrahydrocannabivarin (THCV)	0.020	0.061	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.077	0.237	ND	ND	
Total Cannabinoids			31.736	29.251 - 34.221	
Total Potential THC			26.031	24.019 - 28.043	

Final Approval


 Sam Smith
 12Sep2024
 02:30:00 PM MDT
 PREPARED BY / DATE


 Karen Winternheimer
 12Sep2024
 02:32:00 PM MDT
 APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/bed93108-3513-45da-b9a9-38cbd7428768>

Definitions
 % = % (w/w) = Percent (weight of analyte / weight of product). ND = None Detected (defined by dynamic range of the method).
 Percentage of Delta 9-THC on a dry weight basis = The percentage of Delta 9-THC by weight in cannabis item after excluding all moisture from the item. Total Potential Delta 9-THC or CBD is calculated to take into account the loss of a carboxyl group during decarboxylation step, using the following formulas: Total Potential Delta 9-THC = Delta 9-THC + (Delta 9-THCa * (0.877)) and Total CBD = CBD + (CBDa * (0.877)). Fail equates to a concentration level of Delta 9-THC, on a dry weight basis, higher than 0.3 percent + or - the measurement uncertainty.

Testing results are based solely upon the sample submitted to SC Laboratories, Inc., in the condition it was received. SC Laboratories, Inc., warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. Data was generated using an unbroken chain of comparison to NIST traceable Reference Standards and Certified Reference Materials. This report may not be reproduced, except in full, without the written approval of SC Laboratories, Inc. ISO/IEC 17025:2017 A2LA Cert #: 4329.02 Chemical; 4329.03 Biological.



Cert #4329.02
 bed93108351345dab9a938cbd7428768.1


Prepared for:
CULTS


The Keeper

Batch ID or Lot Number: 00102	Test: Dry Weight Potency	Reported: 12Sep2024	USDA License: NA
Matrix: Plant	Test ID: T000289830	Started: 11Sep2024	Sampler ID: NA
	Method(s): TM14 (HPLC-DAD) \ TM21 (Karl Fischer)	Received: 10Sep2024	Status: NA

Cannabinoids	LOD (%)	LOQ (%)	Dry Weight Result (%)	MU Range (%)	Notes
Cannabichromene (CBC)	0.038	0.117	ND	ND	Dried Sample Moisture Content = 75.09% Measurement Uncertainty = 7.73%
Cannabichromenic Acid (CBCA)	0.035	0.107	0.674	0.622 - 0.726	
Cannabidiol (CBD)	0.109	0.279	ND	ND	
Cannabidiolic Acid (CBDA)	0.112	0.287	ND	ND	
Cannabidivarin (CBDV)	0.026	0.066	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.047	0.120	ND	ND	
Cannabigerol (CBG)	0.022	0.067	ND	ND	
Cannabigerolic Acid (CBGA)	0.090	0.278	0.951	0.877 - 1.025	
Cannabinol (CBN)	0.028	0.087	ND	ND	
Cannabinolic Acid (CBNA)	0.062	0.190	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.107	0.332	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.098	0.301	ND	ND	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.086	0.267	28.695	26.477 - 30.913	
Tetrahydrocannabivarin (THCV)	0.020	0.061	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.076	0.235	ND	ND	
Total Cannabinoids			30.320	27.936 - 32.704	
Total Potential THC			25.166	23.220 - 27.111	

Final Approval


 Sam Smith
 12Sep2024
 02:30:00 PM MDT
 PREPARED BY / DATE


 Karen Winternheimer
 12Sep2024
 02:32:00 PM MDT
 APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/89dfd641-ea72-44dd-98f8-e8911a16261b>

Definitions
 % = % (w/w) = Percent (weight of analyte / weight of product). ND = None Detected (defined by dynamic range of the method).
 Percentage of Delta 9-THC on a dry weight basis = The percentage of Delta 9-THC by weight in cannabis item after excluding all moisture from the item. Total Potential Delta 9-THC or CBD is calculated to take into account the loss of a carboxyl group during decarboxylation step, using the following formulas: Total Potential Delta 9-THC = Delta 9-THC + (Delta 9-THCa * (0.877)) and Total CBD = CBD + (CBDa * (0.877)). Fail equates to a concentration level of Delta 9-THC, on a dry weight basis, higher than 0.3 percent + or - the measurement uncertainty.

Testing results are based solely upon the sample submitted to SC Laboratories, Inc., in the condition it was received. SC Laboratories, Inc., warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. Data was generated using an unbroken chain of comparison to NIST traceable Reference Standards and Certified Reference Materials. This report may not be reproduced, except in full, without the written approval of SC Laboratories, Inc. ISO/IEC 17025:2017 A2LA Cert #: 4329.02 Chemical; 4329.03 Biological.



Cert #4329.02
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Prepared for:
CULTS


Baccio

Batch ID or Lot Number: 00104	Test: Dry Weight Potency	Reported: 12Sep2024	USDA License: NA
Matrix: Plant	Test ID: T000289739	Started: 11Sep2024	Sampler ID: NA
	Method(s): TM14 (HPLC-DAD) \ TM21 (Karl Fischer)	Received: 10Sep2024	Status: NA

Cannabinoids	LOD (%)	LOQ (%)	Dry Weight Result (%)	MU Range (%)	Notes
Cannabichromene (CBC)	0.022	0.069	ND	ND	Dried Sample Moisture Content = 77.41% Measurement Uncertainty = 7.73%
Cannabichromenic Acid (CBCA)	0.020	0.063	0.313	0.289 - 0.337	
Cannabidiol (CBD)	0.064	0.164	ND	ND	
Cannabidiolic Acid (CBDA)	0.066	0.168	ND	ND	
Cannabidivarin (CBDV)	0.015	0.039	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.027	0.070	ND	ND	
Cannabigerol (CBG)	0.013	0.039	ND	ND	
Cannabigerolic Acid (CBGA)	0.053	0.164	1.170	1.080 - 1.260	
Cannabinol (CBN)	0.017	0.051	ND	ND	
Cannabinolic Acid (CBNA)	0.036	0.112	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.063	0.195	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.057	0.177	ND	ND	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.051	0.157	28.597	26.386 - 30.808	
Tetrahydrocannabivarin (THCV)	0.012	0.036	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.045	0.138	ND	ND	
Total Cannabinoids			30.080	27.719 - 32.441	
Total Potential THC			25.080	23.141 - 27.018	

Final Approval


 Sam Smith
 12Sep2024
 02:30:00 PM MDT
 PREPARED BY / DATE


 Karen Winternheimer
 12Sep2024
 02:32:00 PM MDT
 APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/d5167ba4-5660-4202-bb8c-8727306e559e>

Definitions
 % = % (w/w) = Percent (weight of analyte / weight of product). ND = None Detected (defined by dynamic range of the method).
 Percentage of Delta 9-THC on a dry weight basis = The percentage of Delta 9-THC by weight in cannabis item after excluding all moisture from the item. Total Potential Delta 9-THC or CBD is calculated to take into account the loss of a carboxyl group during decarboxylation step, using the following formulas: Total Potential Delta 9-THC = Delta 9-THC + (Delta 9-THCa *(0.877)) and Total CBD = CBD + (CBDa *(0.877)). Fail equates to a concentration level of Delta 9-THC, on a dry weight basis, higher than 0.3 percent + or - the measurement uncertainty.

Testing results are based solely upon the sample submitted to SC Laboratories, Inc., in the condition it was received. SC Laboratories, Inc., warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. Data was generated using an unbroken chain of comparison to NIST traceable Reference Standards and Certified Reference Materials. This report may not be reproduced, except in full, without the written approval of SC Laboratories, Inc. ISO/IEC 17025:2017 A2LA Cert #: 4329.02 Chemical; 4329.03 Biological.



Cert #4329.02
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Prepared for:
CULTS


Empire 54

Batch ID or Lot Number: 00102	Test: Dry Weight Potency	Reported: 12Sep2024	USDA License: NA
Matrix: Plant	Test ID: T000289835	Started: 11Sep2024	Sampler ID: NA
	Method(s): TM14 (HPLC-DAD) \ TM21 (Karl Fischer)	Received: 10Sep2024	Status: NA

Cannabinoids	LOD (%)	LOQ (%)	Dry Weight Result (%)	MU Range (%)	Notes
Cannabichromene (CBC)	0.041	0.127	ND	ND	Dried Sample Moisture Content = 75.24% Measurement Uncertainty = 7.73%
Cannabichromenic Acid (CBCA)	0.038	0.116	0.539	0.497 - 0.581	
Cannabidiol (CBD)	0.118	0.302	ND	ND	
Cannabidiolic Acid (CBDA)	0.121	0.310	ND	ND	
Cannabidivarin (CBDV)	0.028	0.071	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.050	0.129	ND	ND	
Cannabigerol (CBG)	0.023	0.072	0.095	0.088 - 0.102	
Cannabigerolic Acid (CBGA)	0.098	0.301	1.270	1.172 - 1.368	
Cannabinol (CBN)	0.030	0.094	ND	ND	
Cannabinolic Acid (CBNA)	0.067	0.205	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.116	0.359	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.106	0.326	ND	ND	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.093	0.288	27.530	25.402 - 29.658	
Tetrahydrocannabivarin (THCV)	0.021	0.065	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.082	0.254	ND	ND	
Total Cannabinoids			29.434	27.128 - 31.740	
Total Potential THC			24.144	22.278 - 26.010	

Final Approval


 Sam Smith
 12Sep2024
 02:30:00 PM MDT
 PREPARED BY / DATE


 Karen Winternheimer
 12Sep2024
 02:32:00 PM MDT
 APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/8d5a6b5a-2e5e-4782-81bf-01ff32177f66>

Definitions
 % = % (w/w) = Percent (weight of analyte / weight of product). ND = None Detected (defined by dynamic range of the method).
 Percentage of Delta 9-THC on a dry weight basis = The percentage of Delta 9-THC by weight in cannabis item after excluding all moisture from the item. Total Potential Delta 9-THC or CBD is calculated to take into account the loss of a carboxyl group during decarboxylation step, using the following formulas: Total Potential Delta 9-THC = Delta 9-THC + (Delta 9-THCa * (0.877)) and Total CBD = CBD + (CBDa * (0.877)). Fail equates to a concentration level of Delta 9-THC, on a dry weight basis, higher than 0.3 percent + or - the measurement uncertainty.

Testing results are based solely upon the sample submitted to SC Laboratories, Inc., in the condition it was received. SC Laboratories, Inc., warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. Data was generated using an unbroken chain of comparison to NIST traceable Reference Standards and Certified Reference Materials. This report may not be reproduced, except in full, without the written approval of SC Laboratories, Inc. ISO/IEC 17025:2017 A2LA Cert #: 4329.02 Chemical; 4329.03 Biological.



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