SC Labs®
Formerly Botanacor Labs

CERTIFICATE OF ANALYSIS

Prepared for:
KAZMIRA
34501 E. QUINCY AVE
WAKTINS, CO USA 80137

Repair

Batch ID or Lot Number:	Test, Test ID and Methods:	Matrix:	Page 1 of 2
4-240620-01	Various	Concentrate	
Reported:	Started:	Received:	
11Jul2024	10Jul2024	09Jul2024	

Cannabinoids - Colorado Compliance

Test ID: T000285953
Methods: TM14 (HPLC-DAD): Potency – Standard

Cannabinoid Analysis	**LOD** (%)	**LOQ** (%)	**Result** (%)	**Result** (mg/g)	**Notes**
Cannabichromene (CBC)	0.005	0.017	ND	ND	
Cannabichromenic Acid (CBCA)	0.005	0.016	ND	ND	
Cannabidiol (CBD)	0.014	0.053	0.567	5.67	
Cannabidiolic Acid (CBDA)	0.014	0.054	ND	ND	
Cannabidivarin (CBDV)	0.003	0.013	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.006	0.023	ND	ND	
Cannabigerol (CBG)	0.003	0.010	ND	ND	
Cannabigerolic Acid (CBGA)	0.012	0.040	ND	ND	
Cannabinol (CBN)	0.004	0.013	ND	ND	
Cannabinolic Acid (CBNA)	0.008	0.027	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.015	0.048	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.013	0.044	ND	ND	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.012	0.039	ND	ND	
Tetrahydrocannabivarin (THCV)	0.003	0.009	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.011	0.034	ND	ND	
Total Cannabinoids			**0.567**	**5.67**	
Total Potential THC			ND	ND	
Total Potential CBD			0.567	5.67	

Final Approval


Karen Winternheimer
11Jul2024
09:03:00 AM MDT
PREPARED BY / DATE


Sam Smith
11Jul2024
09:07:00 AM MDT
APPROVED BY / DATE

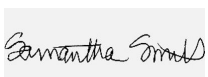
pH Analysis

Test ID: T000286342
Methods: ph: TL-SOP-0033 (pH Electrode). aw: TL-SOP-0028 (Chilled Mirror Dew Point)

	Result	**Notes**
pH	5.14	1g of sample diluted with 10mL of water.
		N/A

Final Approval


Karen Winternheimer
12Jul2024
09:08:00 AM MDT
PREPARED BY / DATE


Sam Smith
12Jul2024
09:13:00 AM MDT
APPROVED BY / DATE

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Repair

Batch ID or Lot Number:	Test, Test ID and Methods:	Matrix:	Page 2 of 2
4-240620-01	Various	Concentrate	
Reported:	Started:	Received:	
11Jul2024	10Jul2024	09Jul2024	

Microbial Contaminants - Colorado Compliance

Test ID: T000285954
Methods: TM25 (qPCR) TM24, TM26, TM27 (Culture Plating): Microbial (Colorado Panel)

	Method	LOD	Quantitation Range	Result	Notes
STEC	TM25: PCR	10^0 CFU/25g	NA	Absent	Free from visual mold, mildew, and foreign matter
Salmonella	TM25: PCR	10^0 CFU/25g	NA	Absent	
Total Yeast and Mold*	TM24: Culture Plating	10^1 CFU/g	$1.0x10^2$ - $1.5x10^4$	None Detected	
Total Aerobic Count*	TM26: Culture Plating	10^2 CFU/g	$1.0x10^3$ - $1.5x10^5$	None Detected	
Total Coliforms*	TM27: Culture Plating	10^1 CFU/g	$1.0x10^2$ - $1.5x10^4$	None Detected	

Final Approval

Brianne Maillot
12Jul2024
04:27:00 PM MDT
PREPARED BY / DATE

Brett Hudson
12Jul2024
05:16:00 PM MDT
APPROVED BY / DATE

https://results.botanacor.com/api/v1/coas/uuid/9b0d65eb-cd26-44e7-9d52-2df75a7f14b5

Definitions
LOD = Limit of Detection, ULOQ = Upper Limit of Quantitation, LLOQ = Lower Limit of Quantitation, PPB = Parts per Billion, % = % (w/w) = Percent (weight of analyte / weight of product). ND = None Detected (defined by dynamic range of the method). 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. Total Potential THC is calculated using the following formulas to take into account the loss of a carboxyl group during decarboxylation step. Total THC = THC + (THCa *(0.877)). ALOQ = Above Limit Of Quantitation (defined by dynamic range of the method), CFU/g = Colony Forming Units per Gram. Values recorded in scientific notation, a common microbial practice of expressing numbers that are too large to be conveniently written in decimal form. Examples: 10^2 = 100 CFU, 10^3 = 1,000 CFU, 10^4 = 10,000 CFU, 10^5 = 100,000 CFU.

Cert #4329.02
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Prepared for:
KAZMIRA
34501 E. QUINCY AVE
WAKTINS, CO USA 80137

Refresh

Batch ID or Lot Number:	Test, Test ID and Methods:	Matrix:	Page 1 of 2
4-240731-01	Various	Concentrate	
Reported:	Started:	Received:	
04Aug2024	01Aug2024	01Aug2024	

Cannabinoids - Colorado Compliance

Test ID: T000287466
Methods: TM14 (HPLC-DAD): Potency – Standard

Cannabinoid Analysis	**LOD** (%)	**LOQ** (%)	**Result** (%)	**Result** (mg/g)	**Notes**
Cannabichromene (CBC)	0.005	0.019	ND	ND	
Cannabichromenic Acid (CBCA)	0.005	0.018	ND	ND	
Cannabidiol (CBD)	0.023	0.053	0.513	5.13	
Cannabidiolic Acid (CBDA)	0.024	0.054	ND	ND	
Cannabidivarin (CBDV)	0.006	0.013	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.010	0.023	ND	ND	
Cannabigerol (CBG)	0.003	0.011	ND	ND	
Cannabigerolic Acid (CBGA)	0.013	0.046	ND	ND	
Cannabinol (CBN)	0.004	0.014	ND	ND	
Cannabinolic Acid (CBNA)	0.009	0.031	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.015	0.054	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.014	0.049	ND	ND	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.012	0.044	ND	ND	
Tetrahydrocannabivarin (THCV)	0.003	0.010	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.011	0.039	ND	ND	
Total Cannabinoids			**0.513**	**5.13**	
Total Potential THC			ND	ND	
Total Potential CBD			0.513	5.13	

Final Approval

Sam Smith
04Aug2024
09:10:00 AM MDT
PREPARED BY / DATE

Karen Winternheimer
04Aug2024
09:11:00 AM MDT
APPROVED BY / DATE

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Prepared for:
KAZMIRA
34501 E. QUINCY AVE
WAKTINS, CO USA 80137

Refresh

Batch ID or Lot Number:	Test, Test ID and Methods:	Matrix:	Page 2 of 2
4-240731-01	Various	Concentrate	
Reported:	Started:	Received:	
04Aug2024	01Aug2024	01Aug2024	

Microbial Contaminants - Colorado Compliance

Test ID: T000287467
Methods: TM25 (qPCR) TM24, TM26, TM27 (Culture Plating): Microbial (Colorado Panel)

	Method	LOD	Quantitation Range	Result	Notes
STEC	TM25: PCR	10^0 CFU/25g	NA	Absent	Free from visual mold, mildew, and foreign matter
Salmonella	TM25: PCR	10^0 CFU/25g	NA	Absent	
Total Yeast and Mold*	TM24: Culture Plating	10^1 CFU/g	$1.0x10^2$ - $1.5x10^4$	None Detected	
Total Aerobic Count*	TM26: Culture Plating	10^2 CFU/g	$1.0x10^3$ - $1.5x10^5$	None Detected	
Total Coliforms*	TM27: Culture Plating	10^1 CFU/g	$1.0x10^2$ - $1.5x10^4$	None Detected	

Final Approval

Nora Langer
04Aug2024
03:23:00 PM MDT
PREPARED BY / DATE

Brianne Maillot
05Aug2024
10:13:00 AM MDT
APPROVED BY / DATE

https://results.botanacor.com/api/v1/coas/uuid/3c7ee30c-12db-4cdb-87b8-18aca6284c67

Definitions
LOD = Limit of Detection, ULOQ = Upper Limit of Quantitation, LLOQ = Lower Limit of Quantitation, PPB = Parts per Billion, % = % (w/w) = Percent (weight of analyte / weight of product). ND = None Detected (defined by dynamic range of the method). 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. Total Potential THC is calculated using the following formulas to take into account the loss of a carboxyl group during decarboxylation step. Total THC = THC + (THCa *(0.877)). ALOQ = Above Limit Of Quantitation (defined by dynamic range of the method), CFU/g = Colony Forming Units per Gram. Values recorded in scientific notation, a common microbial practice of expressing numbers that are too large to be conveniently written in decimal form. Examples: 10^2 = 100 CFU, 10^3 = 1,000 CFU, 10^4 = 10,000 CFU, 10^5 = 100,000 CFU.

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KAZMIRA
34501 E. QUINCY AVE
WAKTINS, CO USA 80137

Calm

Batch ID or Lot Number:	Test, Test ID and Methods:	Matrix:	Page 1 of 2
4-240605-01	Various	Concentrate	
Reported:	**Started:**	**Received:**	
13Jun2024	11Jun2024	07Jun2024	

Cannabinoids - Colorado Compliance

Test ID: T000283552
Methods: TM14 (HPLC-DAD): Potency – Standard

Cannabinoid Analysis	**LOD** (%)	**LOQ** (%)	**Result** (%)	**Result** (mg/g)	**Notes**
Cannabichromene (CBC)	0.005	0.017	ND	ND	
Cannabichromenic Acid (CBCA)	0.005	0.016	ND	ND	
Cannabidiol (CBD)	0.020	0.047	0.499	4.99	
Cannabidiolic Acid (CBDA)	0.021	0.048	ND	ND	
Cannabidivarin (CBDV)	0.005	0.011	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.009	0.020	ND	ND	
Cannabigerol (CBG)	0.003	0.010	ND	ND	
Cannabigerolic Acid (CBGA)	0.013	0.041	ND	ND	
Cannabinol (CBN)	0.004	0.013	ND	ND	
Cannabinolic Acid (CBNA)	0.009	0.028	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.015	0.049	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.014	0.044	ND	ND	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.012	0.039	ND	ND	
Tetrahydrocannabivarin (THCV)	0.003	0.009	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.011	0.035	ND	ND	
Total Cannabinoids			**0.499**	**4.99**	
Total Potential THC			ND	ND	
Total Potential CBD			0.499	4.99	

Final Approval

Sam Smith
13Jun2024
03:33:00 PM MDT
PREPARED BY / DATE

Karen Winternheimer
13Jun2024
03:35:00 PM MDT
APPROVED BY / DATE

SC Labs®
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CERTIFICATE OF ANALYSIS

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KAZMIRA
34501 E. QUINCY AVE
WAKTINS, CO USA 80137

Calm

Batch ID or Lot Number:	Test, Test ID and Methods:	Matrix:	Page 2 of 2
4-240605-01	Various	Concentrate	
Reported:	**Started:**	**Received:**	
13Jun2024	11Jun2024	07Jun2024	

Microbial Contaminants - Colorado Compliance

Test ID: T000283553
Methods: TM25 (qPCR) TM24, TM26, TM27 (Culture Plating): Microbial (Colorado Panel)

	Method	LOD	Quantitation Range	Result	Notes
STEC	TM25: PCR	10^0 CFU/25g	NA	Absent	Free from visual mold, mildew, and foreign matter
Salmonella	TM25: PCR	10^0 CFU/25g	NA	Absent	
Total Yeast and Mold*	TM24: Culture Plating	10^1 CFU/g	$1.0x10^2$ - $1.5x10^4$	None Detected	
Total Aerobic Count*	TM26: Culture Plating	10^2 CFU/g	$1.0x10^3$ - $1.5x10^5$	None Detected	
Total Coliforms*	TM27: Culture Plating	10^1 CFU/g	$1.0x10^2$ - $1.5x10^4$	None Detected	

Final Approval

Brett Hudson
13Jun2024
02:46:00 PM MDT
PREPARED BY / DATE

Brianne Maillot
14Jun2024
05:59:00 PM MDT
APPROVED BY / DATE

https://results.botanacor.com/api/v1/coas/uuid/2e6ac9eb-897e-485a-8917-90a9f0e0df2a

Definitions
LOD = Limit of Detection, ULOQ = Upper Limit of Quantitation, LLOQ = Lower Limit of Quantitation, PPB = Parts per Billion, % = % (w/w) = Percent (weight of analyte / weight of product). ND = None Detected (defined by dynamic range of the method). 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. Total Potential THC is calculated using the following formulas to take into account the loss of a carboxyl group during decarboxylation step. Total THC = THC + (THCa *(0.877)). ALOQ = Above Limit Of Quantitation (defined by dynamic range of the method), CFU/g = Colony Forming Units per Gram. Values recorded in scientific notation, a common microbial practice of expressing numbers that are too large to be conveniently written in decimal form. Examples: 10^2 = 100 CFU, 10^3 = 1,000 CFU, 10^4 = 10,000 CFU, 10^5 = 100,000 CFU.

Cert #4329.02
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