SC Labs®
Formerly Botanacor Labs

CERTIFICATE OF ANALYSIS

Higher Vibes Raspberry Lemon

Prepared for:
North Brands LLC

Batch ID or Lot Number:	Test, Test ID and Methods:	Matrix:	Page 1 of 1
NCC0034	Various	Unit	
Reported:	**Started:**	**Received:**	
20Sep2023	20Sep2023	20Sep2023	

Cannabinoids

Test ID: T000256519
Methods: TM14 (HPLC-DAD)

	LOD (mg)	**LOQ** (mg)	**Result** (mg)	**Result** (mg/g)	**Notes**
Cannabichromene (CBC)	0.133	0.481	ND	ND	# of Servings = 1, Sample Weight=355g
Cannabichromenic Acid (CBCA)	0.122	0.440	ND	ND	
Cannabidiol (CBD)	0.491	1.282	10.300	0.00	
Cannabidiolic Acid (CBDA)	0.503	1.314	ND	ND	
Cannabidivarin (CBDV)	0.116	0.303	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.210	0.548	ND	ND	
Cannabigerol (CBG)	0.076	0.273	ND	ND	
Cannabigerolic Acid (CBGA)	0.316	1.143	ND	ND	
Cannabinol (CBN)	0.099	0.357	ND	ND	
Cannabinolic Acid (CBNA)	0.216	0.780	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.377	1.361	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.342	1.236	5.330	0.00	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.303	1.095	ND	ND	
Tetrahydrocannabivarin (THCV)	0.069	0.249	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.268	0.966	ND	ND	
Total Cannabinoids			**15.630**	**0.00**	
Total Potential THC			5.330	0.00	
Total Potential CBD			10.300	0.00	

Final Approval

Karen Winternheimer
20Sep2023
04:39:00 PM MDT
PREPARED BY / DATE

Sam Smith
20Sep2023
04:41:00 PM MDT
APPROVED BY / DATE

https://results.botanacor.com/api/v1/coas/uuid/375d199b-564f-43e7-90c3-7cfa5c17974e

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:
North Brands LLC

Higher Vibes Raspberry Lemon

Batch ID or Lot Number:	Test, Test ID and Methods:	Matrix:	
NCC0034	Various	Finished Product	
Reported:	Started:	Received:	
05Oct2023	05Oct2023	03Oct2023	

Residual Solvents

Test ID: T000258013
Methods: TM04 (GC-MS): Residual Solvents

	Dynamic Range (ppm)	**Result** (ppm)	**Notes**
Propane	96 - 1925	ND	
Butanes (Isobutane, n-Butane)	198 - 3951	ND	
Methanol	64 - 1283	ND	
Pentane	100 - 1998	ND	
Ethanol	102 - 2049	ND	
Acetone	102 - 2040	ND	
Isopropyl Alcohol	107 - 2131	ND	
Hexane	6 - 123	ND	
Ethyl Acetate	103 - 2055	ND	
Benzene	0.2 - 4.3	ND	
Heptanes	103 - 2069	ND	
Toluene	18 - 367	ND	
Xylenes (m,p,o-Xylenes)	134 - 2689	ND	

Final Approval


Karen Winternheimer
05Oct2023
01:58:00 PM MDT
PREPARED BY / DATE


Sam Smith
05Oct2023
02:01:00 PM MDT
APPROVED BY / DATE

Heavy Metals

Test ID: T000258012
Methods: TM19 (ICP-MS): Heavy Metals

	Dynamic Range (ppm)	**Result** (ppm)	**Notes**
Arsenic	0.05 - 4.60	ND	
Cadmium	0.05 - 4.72	ND	
Mercury	0.05 - 4.68	ND	
Lead	0.05 - 4.65	ND	

Final Approval


Sam Smith
05Oct2023
02:08:00 PM MDT
PREPARED BY / DATE


Karen Winternheimer
05Oct2023
02:12:00 PM MDT
APPROVED BY / DATE

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CERTIFICATE OF ANALYSIS

Higher Vibes Raspberry Lemon

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North Brands LLC

Batch ID or Lot Number:	Test, Test ID and Methods:	Matrix:	
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Microbial Contaminants

Test ID: T000258011
Methods: TM25 (PCR) TM24, TM26, TM27 (Culture Plating)

	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
06Oct2023
11:18:00 AM MDT
PREPARED BY / DATE

Eden Thompson-Wright
06Oct2023
01:40:00 PM MDT
APPROVED BY / DATE

https://results.botanacor.com/api/v1/coas/uuid/238b8288-d4da-4605-b840-3399f73b8989

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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Hemp Quality Assurance Testing

CERTIFICATE OF ANALYSIS

DATE ISSUED 09/28/2023

SAMPLE NAME: Higher Vibes Raspberry Lemon

Infused, Hemp

CULTIVATOR / MANUFACTURER

Business Name:
License Number:
Address:

DISTRIBUTOR / TESTED FOR

Business Name: North Brands LLC
License Number:
Address:

SAMPLE DETAIL

Batch Number: NCC0034
Sample ID: 230925M020

Date Collected: 09/25/2023
Date Received: 09/25/2023
Batch Size:
Sample Size: 1.0 units
Unit Mass:
Serving Size:

Scan QR code to verify authenticity of results.

SAFETY ANALYSIS - SUMMARY

Pesticides: ND

For quality assurance purposes. Not a Regulatory Hemp Lab Test Report. These results relate only to the sample included on this report. This report shall not be reproduced, except in full, without written approval of the laboratory.

Sample Certification: California Code of Regulations Title 4 Division 19. Department of Cannabis Control Business and Professions Code. Reference: Sections 26100, 26104 and 26110, Business and Professions Code.

Decision Rule: Statements of conformity (e.g. Pass/Fail) to specifications are made in this report without taking measurement uncertainty into account. Where statements of conformity are made in this report, the following decision rules are applied: PASS - Results within limits/specifications, FAIL - Results exceed limits/specifications.

References: limit of detection (LOD), limit of quantification (LOQ), not detected (ND), not tested (NT)

LQC verified by: Michael Pham
Job Title: Senior Laboratory Analyst
Date: 09/28/2023

Approved by: Josh Wurzer
Job Title: Chief Compliance Officer
Date: 09/28/2023

Pesticide Analysis

Pesticide and plant growth regulator analysis utilizing high-performance liquid chromatography-mass spectrometry (HPLC-MS) or gas chromatography-mass spectrometry (GC-MS).

*GC-MS utilized where indicated.

Method: QSP 1212 - Analysis of Pesticides and Mycotoxins by LC-MS or QSP 1213 - Analysis of Pesticides by GC-MS

PESTICIDE TEST RESULTS - 09/28/2023 **ND**

COMPOUND	LOD/LOQ (µg/g)	MEASUREMENT UNCERTAINTY (µg/g)	RESULT (µg/g)
Abamectin	*0.03 / 0.10*	*N/A*	ND
Acephate	*0.02 / 0.07*	*N/A*	ND
Acequinocyl	*0.02 / 0.07*	*N/A*	ND
Acetamiprid	*0.02 / 0.05*	*N/A*	ND
Aldicarb	*0.03 / 0.08*	*N/A*	ND
Azoxystrobin	*0.02 / 0.07*	*N/A*	ND
Bifenazate	*0.01 / 0.04*	*N/A*	ND
Bifenthrin	*0.02 / 0.05*	*N/A*	ND
Boscalid	*0.03 / 0.09*	*N/A*	ND
Captan	*0.19 / 0.57*	*N/A*	ND
Carbaryl	*0.02 / 0.06*	*N/A*	ND
Carbofuran	*0.02 / 0.05*	*N/A*	ND
Chlorantraniliprole	*0.04 / 0.12*	*N/A*	ND
Chlordane*	*0.03 / 0.08*	*N/A*	ND
Chlorfenapyr*	*0.03 / 0.10*	*N/A*	ND
Chlorpyrifos	*0.02 / 0.06*	*N/A*	ND
Clofentezine	*0.03 / 0.09*	*N/A*	ND
Coumaphos	*0.02 / 0.07*	*N/A*	ND
Cyfluthrin	*0.12 / 0.38*	*N/A*	ND
Cypermethrin	*0.11 / 0.32*	*N/A*	ND
Daminozide	*0.02 / 0.07*	*N/A*	ND
Diazinon	*0.02 / 0.05*	*N/A*	ND
Dichlorvos (DDVP)	*0.03 / 0.09*	*N/A*	ND
Dimethoate	*0.03 / 0.08*	*N/A*	ND
Dimethomorph	*0.03 / 0.09*	*N/A*	ND
Ethoprophos	*0.03 / 0.10*	*N/A*	ND
Etofenprox	*0.02 / 0.06*	*N/A*	ND
Etoxazole	*0.02 / 0.06*	*N/A*	ND
Fenhexamid	*0.03 / 0.09*	*N/A*	ND
Fenoxycarb	*0.03 / 0.08*	*N/A*	ND
Fenpyroximate	*0.02 / 0.06*	*N/A*	ND
Fipronil	*0.03 / 0.08*	*N/A*	ND
Flonicamid	*0.03 / 0.10*	*N/A*	ND
Fludioxonil	*0.03 / 0.10*	*N/A*	ND
Hexythiazox	*0.02 / 0.07*	*N/A*	ND
Imazalil	*0.02 / 0.06*	*N/A*	ND
Imidacloprid	*0.04 / 0.11*	*N/A*	ND
Kresoxim-methyl	*0.02 / 0.07*	*N/A*	ND
Malathion	*0.03 / 0.09*	*N/A*	ND
Metalaxyl	*0.02 / 0.07*	*N/A*	ND
Methiocarb	*0.02 / 0.07*	*N/A*	ND

Continued on next page

Pesticide Analysis *Continued*

PESTICIDE TEST RESULTS - 09/28/2023 *continued* **ND**

COMPOUND	LOD/LOQ (µg/g)	MEASUREMENT UNCERTAINTY (µg/g)	RESULT (µg/g)
Methomyl	*0.03 / 0.10*	*N/A*	ND
Mevinphos	*0.03 / 0.09*	*N/A*	ND
Myclobutanil	*0.03 / 0.09*	*N/A*	ND
Naled	*0.02 / 0.07*	*N/A*	ND
Oxamyl	*0.04 / 0.11*	*N/A*	ND
Paclobutrazol	*0.02 / 0.05*	*N/A*	ND
Parathion-methyl	*0.03 / 0.10*	*N/A*	ND
Pentachloronitrobenzene*	*0.03 / 0.09*	*N/A*	ND
Permethrin	*0.04 / 0.12*	*N/A*	ND
Phosmet	*0.03 / 0.10*	*N/A*	ND
Piperonyl Butoxide	*0.02 / 0.07*	*N/A*	ND
Prallethrin	*0.03 / 0.08*	*N/A*	ND
Propiconazole	*0.02 / 0.07*	*N/A*	ND
Propoxur	*0.03 / 0.09*	*N/A*	ND
Pyrethrins	*0.04 / 0.12*	*N/A*	ND
Pyridaben	*0.02 / 0.07*	*N/A*	ND
Spinetoram	*0.02 / 0.07*	*N/A*	ND
Spinosad	*0.02 / 0.07*	*N/A*	ND
Spiromesifen	*0.02 / 0.05*	*N/A*	ND
Spirotetramat	*0.02 / 0.06*	*N/A*	ND
Spiroxamine	*0.03 / 0.08*	*N/A*	ND
Tebuconazole	*0.02 / 0.07*	*N/A*	ND
Thiacloprid	*0.03 / 0.10*	*N/A*	ND
Thiamethoxam	*0.03 / 0.10*	*N/A*	ND
Trifloxystrobin	*0.03 / 0.08*	*N/A*	ND