

CERTIFICATE OF ANALYSIS

Prepared for:

North Brands LLC

Batch ID or Lot Number: NCC0030	Test, Test ID and Methods: Various	Matrix: Unit	Page 1 of 4	
Reported: 01Sep2023	Started: 01Sep2023	Received: 01Sep2023		

Cannabinoids

Methods: TM14 (HPLC-DAD)	LOD (mg)	LOQ (mg)	Result (mg)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.219	0.498	ND	ND	# of Servings = 1
Cannabichromenic Acid (CBCA)	0.200	0.456	ND	ND	Sample
Cannabidiol (CBD)	0.572	1.308	10.770	0.00	Weight=355g
Cannabidiolic Acid (CBDA)	0.587	1.342	ND	ND	
Cannabidivarin (CBDV)	0.135	0.309	ND	0.00	
Cannabidivarinic Acid (CBDVA)	0.245	0.560	ND	ND	
Cannabigerol (CBG)	0.124	0.283	ND	ND	
Cannabigerolic Acid (CBGA)	0.520	1.182	ND	ND	
Cannabinol (CBN)	0.162	0.369	ND	ND	
Cannabinolic Acid (CBNA)	0.355	0.807	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.619	1.409	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.563	1.279	5.580	0.00	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.498	1.134	ND	ND	
Tetrahydrocannabivarin (THCV)	0.113	0.257	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.440	1.000	ND	ND	
Total Cannabinoids			16.350	0.00	
Total Potential THC			5.580	0.00	
Total Potential CBD			10.770	0.00	

Final Approval

Samantha Smoll 01Sep2023 02:17:00 PM MDT

Sam Smith

PREPARED BY / DATE

APPROVED BY / DATE

Karen Winternheimer Wintershimen 01Sep2023 02:19:00 PM MDT



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Residual Solvents

Test ID: T000254953
Methods: TM04 (GC-MS): Residual

Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	97 - 1941	ND	
Butanes (lsobutane, n-Butane)	197 - 3934	ND	
Methanol	62 - 1233	ND	
Pentane	99 - 1982	ND	
Ethanol	97 - 1948	ND	
Acetone	101 - 2014	ND	
Isopropyl Alcohol	103 - 2067	ND	
Hexane	6 - 121	ND	
Ethyl Acetate	101 - 2027	ND	
Benzene	0.2 - 4.0	ND	
Heptanes	102 - 2044	ND	
Toluene	18 - 368	ND	
Xylenes (m,p,o-Xylenes)	137 - 2742	ND	

Final Approval

PREPARED BY / DATE

Karen Winternheimer 05Sep2023 Muternheimer 03:04:00 PM MDT

Sam Smith 555ep2023 03:06:00 PM MDT APPROVED BY / DATE



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01Sep2023	01Sep2023	01Sep2023	

Pesticides

Test ID: T000254951

Methods: TM17			
(LC-QQ LC MS/MS)	Dynamic Range (ppb)	Result (ppb)	
Abamectin	419 - 2744	ND	Malatl
Acephate	44 - 2757	ND	Metala
Acetamiprid	41 - 2752	ND	Methi
Azoxystrobin	48 - 2701	ND	Metho
Bifenazate	44 - 2732	ND	MGK 2
Boscalid	39 - 2669	ND	MGK 2
Carbaryl	42 - 2729	ND	Myclo
Carbofuran	43 - 2709	ND	Naled
Chlorantraniliprole	44 - 2684	ND	Oxam
Chlorpyrifos	44 - 2780	ND	Paclob
Clofentezine	279 - 2751	ND	Perme
Diazinon	288 - 2747	ND	Phosn
Dichlorvos	276 - 2790	ND	Proph
Dimethoate	42 - 2751	ND	Propo
E-Fenpyroximate	298 - 2805	ND	Pyrida
Etofenprox	44 - 2754	ND	Spinos
Etoxazole	306 - 2771	ND	Spinos
Fenoxycarb	28 - 2741	ND	Spiror
Fipronil	54 - 2679	ND	Spirot
Flonicamid	46 - 2810	ND	Spirox
Fludioxonil	275 - 2643	ND	Spirox
Hexythiazox	43 - 2787	ND	Tebuc
Imazalil	282 - 2751	ND	Thiacl
Imidacloprid	42 - 2806	ND	Thiam
Kresoxim-methyl	46 - 2755	ND	Triflox

	Dynamic Range (ppb)	Result (ppb)
Malathion	294 - 2709	ND
Metalaxyl	42 - 2719	ND
Methiocarb	43 - 2687	ND
Methomyl	41 - 2778	ND
MGK 264 1	170 - 1674	ND
MGK 264 2	109 - 1077	ND
Myclobutanil	41 - 2563	ND
Naled	40 - 2752	ND
Oxamyl	41 - 2784	ND
Paclobutrazol	44 - 2727	ND
Permethrin	274 - 2728	ND
Phosmet	44 - 2714	ND
Prophos	303 - 2652	ND
Propoxur	44 - 2720	ND
Pyridaben	299 - 2785	ND
Spinosad A	31 - 2097	ND
Spinosad D	66 - 682	ND
Spiromesifen	294 - 2758	ND
Spirotetramat	276 - 2734	ND
Spiroxamine 1	18 - 1178	ND
Spiroxamine 2	23 - 1491	ND
Tebuconazole	291 - 2783	ND
Thiacloprid	42 - 2731	ND
Thiamethoxam	41 - 2792	ND
Trifloxystrobin	44 - 2700	ND

Final Approval



Karen Winternheimer 07Sep2023 MEMPERMEN 09:17:00 AM MDT

Sam Smith

Samantha Smith 07Sep2023 09:19:00 AM MDT

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Heavy Metals

Test ID: T000254952 Methods: TM19 (ICP-MS): Heavy			
Metals	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.04 - 4.34	ND	
Cadmium	0.04 - 4.33	ND	-
Mercury	0.04 - 4.37	ND	9
Lead	0.04 - 4.44	ND	•

Final Approval

Sam Smith Samantha Small 085ep2023 08:29:00 AM MDT PREPARED BY / DATE

Karen Winternheimer 08Sep2023 Mutenheumen 08:33:00 AM MDT

APPROVED BY / DATE



Definitions

https://results.botanacor.com/api/v1/coas/uuid/6bb3faaf-51c5-4fc9-94de-66ea3739a2a4

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.

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 Accredited by A2LA. Some tests listed on this COA may not be within our scope of A2LA accreditation. Please visit A2LA for more details



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CERTIFICATE OF ANALYSIS

BRANDON SAVELA NORTH BRANDS LLC 2913 CHEROKEE PL GOLDEN VALLEY MN 55422

MVTL

Page: 1 of 1 Report Date: 17 Sep 2023 Work Order #: 31193 Account #: 71471 PO #: CREDIT CARD Date Received: 12 Sep 2023 Date Submitted: 8 Sep 2023 Temperature at Receipt: AMBIENT

ACIL

		As Received Result		Method Reference	Date Analyzed
23-M159673	HIGHER VIBES RASPBERRY LEMON- NCC0031			Time Sampled: 15:00	
Aerobic Plate Count		< 1	CFU/mL	BAM Ch 3 Conv Plate Count	12 Sep 23
Mold Count		< 1	CFU/mL	BAM 8th Ed	12 Sep 23
Yeast Count		< 1	CFU/mL	BAM 8th Ed	12 Sep 23
23-M159674	HIGHER VIBES BLACKBERRY	MANGO- NCC0030		Time Sampled: 1	5:00
Aerobic Plate Count		< 1	CFU/mL	BAM Ch 3 Conv Plate Count	12 Sep 23
Mold Count		< 1	CFU/mL	BAM 8th Ed	12 Sep 23
Yeast Count		< 1	CFU/mL	BAM 8th Ed	12 Sep 23

CFU = Colony Forming Units

Approved by:

anal Harm

Sarah Garza, Microbiology Lab Manager New Ulm, MN

MVTL guarantees the accuracy of the analysis done on the sample submitted for testing. It is not possible for MVTL to guarantee that a test result obtained on a particular sample will be the same on any other sample unless all conditions affecting the sample are the same, including sampling by MVTL. As a mutual protection to clients, the public and ourselves, all reports are submitted as the confidential property of clients, and authorization for publication of statements, conclusions or extracts from or regarding our reports is reserved pending our written approval.