SC Labs®
Formerly Botanacor Labs

CERTIFICATE OF ANALYSIS

North High Tonics Strawberry Melon

Prepared for:
North Brands LLC

Batch ID or Lot Number:	Test, Test ID and Methods:	Matrix:	
NCC1013	Various	Unit	
Reported:	**Started:**	**Received:**	
09Feb2024	09Feb2024	09Feb2024	

Cannabinoids

Test ID: T000270510
Methods: TM14 (HPLC-DAD)

	LOD (mg)	**LOQ** (mg)	**Result** (mg)	**Result** (mg/g)	**Notes**
Cannabichromene (CBC)	0.148	0.502	ND	ND	# of Servings = 1, Sample Weight=355g
Cannabichromenic Acid (CBCA)	0.136	0.459	ND	ND	
Cannabidiol (CBD)	0.434	1.514	ND	ND	
Cannabidiolic Acid (CBDA)	0.445	1.553	ND	ND	
Cannabidivarin (CBDV)	0.103	0.358	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.186	0.648	ND	ND	
Cannabigerol (CBG)	0.084	0.285	ND	ND	
Cannabigerolic Acid (CBGA)	0.352	1.192	ND	ND	
Cannabinol (CBN)	0.110	0.372	ND	ND	
Cannabinolic Acid (CBNA)	0.240	0.813	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.420	1.420	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.381	1.290	10.040	0.00	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.338	1.143	ND	ND	
Tetrahydrocannabivarin (THCV)	0.077	0.259	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.298	1.008	ND	ND	
Total Cannabinoids			**10.040**	**0.00**	
Total Potential THC			10.040	0.00	
Total Potential CBD			ND	ND	

Final Approval

Sam Smith
09Feb2024
12:18:00 PM MST
PREPARED BY / DATE

Karen Winternheimer
09Feb2024
12:21:00 PM MST
APPROVED BY / DATE

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Residual Solvents

Test ID: T000270514
Methods: TM04 (GC-MS): Residual Solvents

	Dynamic Range (ppm)	**Result** (ppm)	**Notes**
Propane	102 - 2043	ND	
Butanes (Isobutane, n-Butane)	196 - 3923	ND	
Methanol	62 - 1233	ND	
Pentane	90 - 1801	ND	
Ethanol	88 - 1767	ND	
Acetone	101 - 2012	ND	
Isopropyl Alcohol	98 - 1953	ND	
Hexane	6 - 123	ND	
Ethyl Acetate	99 - 1978	ND	
Benzene	0.2 - 4.1	ND	
Heptanes	97 - 1944	ND	
Toluene	18 - 359	ND	
Xylenes (m,p,o-Xylenes)	130 - 2604	ND	

Final Approval

Karen Winternheimer
09Feb2024
02:55:00 PM MST
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Karen Winternheimer
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Microbial Contaminants

Test ID: T000270512
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
12Feb2024
01:56:00 PM MST
PREPARED BY / DATE

Eden Thompson-Wright
12Feb2024
02:30:00 PM MST
APPROVED BY / DATE

Heavy Metals

Test ID: T000270513
Methods: TM19 (ICP-MS): Heavy Metals

	Dynamic Range (ppm)	**Result** (ppm)	Notes
Arsenic	0.04 - 4.45	ND	
Cadmium	0.04 - 4.46	ND	
Mercury	0.05 - 4.68	ND	
Lead	0.05 - 4.62	ND	

Final Approval

Karen Winternheimer
13Feb2024
02:40:00 PM MST
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Karen Winternheimer
13Feb2024
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Pesticides

Test ID: T000270511
Methods: TM17

(LC-QQ LC MS/MS)	**Dynamic Range** (ppb)	**Result** (ppb)		**Dynamic Range** (ppb)	**Result** (ppb)
Abamectin	320 - 2746	ND	Malathion	300 - 2671	ND
Acephate	41 - 2688	ND	Metalaxyl	46 - 2667	ND
Acetamiprid	44 - 2659	ND	Methiocarb	44 - 2834	ND
Azoxystrobin	46 - 2651	ND	Methomyl	43 - 2708	ND
Bifenazate	42 - 2659	ND	MGK 264 1	161 - 1633	ND
Boscalid	49 - 2828	ND	MGK 264 2	107 - 1077	ND
Carbaryl	42 - 2695	ND	Myclobutanil	45 - 2828	ND
Carbofuran	43 - 2694	ND	Naled	51 - 2656	ND
Chlorantraniliprole	46 - 2818	ND	Oxamyl	40 - 2726	ND
Chlorpyrifos	55 - 2650	ND	Paclobutrazol	44 - 2665	ND
Clofentezine	288 - 2737	ND	Permethrin	308 - 2748	ND
Diazinon	301 - 2655	ND	Phosmet	40 - 2532	ND
Dichlorvos	281 - 2747	ND	Prophos	291 - 2856	ND
Dimethoate	42 - 2674	ND	Propoxur	44 - 2694	ND
E-Fenpyroximate	271 - 2792	ND	Pyridaben	301 - 2700	ND
Etofenprox	45 - 2671	ND	Spinosad A	34 - 2055	ND
Etoxazole	297 - 2600	ND	Spinosad D	69 - 642	ND
Fenoxycarb	48 - 2687	ND	Spiromesifen	261 - 2688	ND
Fipronil	46 - 2791	ND	Spirotetramat	284 - 2725	ND
Flonicamid	48 - 2749	ND	Spiroxamine 1	16 - 1064	ND
Fludioxonil	344 - 2709	ND	Spiroxamine 2	23 - 1667	ND
Hexythiazox	45 - 2705	ND	Tebuconazole	282 - 2671	ND
Imazalil	284 - 2700	ND	Thiacloprid	44 - 2685	ND
Imidacloprid	48 - 2725	ND	Thiamethoxam	40 - 2708	ND
Kresoxim-methyl	44 - 2691	ND	Trifloxystrobin	44 - 2698	ND

Final Approval

Karen Winternheimer
14Feb2024
12:13:00 PM MST
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Sam Smith
14Feb2024
12:15:00 PM MST
APPROVED BY / DATE

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https://results.botanacor.com/api/v1/coas/uuid/e2bb84af-35e0-43b6-8c25-a41ee3055d5f

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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