SC Labs®
Formerly Botanacor Labs

Official Compliance: Colorado

CERTIFICATE OF ANALYSIS

Prepared for:

NANO LABS LLC

2833 N. EL PASO ST. SUITE 130
COLORADO SPRINGS, CO USA 80907

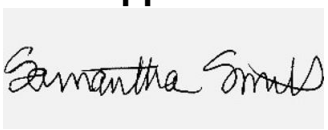
Water Soluble Liquid, CBD Isolate, 25%

Batch ID or Lot Number:	Test:	Reported:	USDA License:
CBDISOWSL22315L-001	**Heavy Metals**	**17Feb2023**	NA
Matrix:	Test ID:	Started:	Sampler ID:
Concentrate Co	T000234968	16Feb2023	NA
	Method(s):	Received:	Status:
	TM19 (ICP-MS): Heavy Metals	09Feb2023	NA

Heavy Metals

	Dynamic Range (ppm)	**Result** (ppm)	**Notes**
Arsenic	0.05 - 4.89	ND	
Cadmium	0.05 - 4.74	ND	
Mercury	0.04 - 4.30	ND	
Lead	0.04 - 3.87	ND	

Final Approval



Sam Smith
17Feb2023
01:27:00 PM MST

PREPARED BY / DATE

Karen Winternheimer
17Feb2023
01:32:00 PM MST

APPROVED BY / DATE

https://results.botanacor.com/api/v1/coas/uuid/25af44b8-1544-45cf-9dea-f0c23b01382d

Definitions
ND = None Detected (defined by dynamic range of the method)
Dynamic Range = Limit of Quantitation (LOQ) through Upper Limit of Method Range

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Water Soluble Liquid, CBD Isolate, 25%

Batch ID or Lot Number:	Test:	Reported:	USDA License:
CBDISOWSL22315L-001	**Microbial Contaminants**	**15Feb2023**	N/A
Matrix:	Test ID:	Started:	Sampler ID:
Concentrate	T000234967	10Feb2023	N/A
	Method(s): TM25 (qPCR) TM24, TM26, TM27 (Culture Plating): Microbial (Colorado Panel)	Received: 09Feb2023	Status: Active

Microbial Contaminants

	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
15Feb2023
03:03:00 PM MST
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Eden Thompson-Wright
15Feb2023
03:59:00 PM MST
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https://results.botanacor.com/api/v1/coas/uuid/92db6a23-c9f6-422d-88bc-6ece0d866f17

Definitions
* 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
CFU/g = Colony Forming Units per Gram, LOD = Limit of Detection
ULOQ = Upper Limit of Quantitation, LLOQ = Lower Limit of Quantitation
STEC = Shiga Toxin-Producing E. coli

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COLORADO SPRINGS, CO USA 80907

Water Soluble Liquid, CBD Isolate, 25%

Batch ID or Lot Number:	Test:	Reported:	USDA License:
CBDISOWSL22315L-001	**Mycotoxins**	**17Feb2023**	N/A
Matrix:	Test ID:	Started:	Sampler ID:
Concentrate	T000234970	16Feb2023	N/A
	Method(s): TM18 (UHPLC-QQQ LCMS/MS): Mycotoxins	Received: 09Feb2023	Status: Active

Mycotoxins

	Dynamic Range (ppb)	**Result** (ppb)	**Notes**
Ochratoxin A	2.11 - 136.32	ND	N/A
Aflatoxin B1	0.58 - 33.41	ND	
Aflatoxin B2	0.62 - 33.38	ND	
Aflatoxin G1	0.58 - 33.83	ND	
Aflatoxin G2	0.65 - 33.96	ND	
Total Aflatoxins (B1, B2, G1, and G2)		ND	

Final Approval

Sam Smith
17Feb2023
06:47:00 AM MST
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Karen Winternheimer
17Feb2023
06:51:00 AM MST
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https://results.botanacor.com/api/v1/coas/uuid/743f9a69-0f97-4d4c-84cf-bf236318a9ca

Definitions
ND = None Detected (defined by dynamic range of the method)
Dynamic Range = Limit of Quantitation (LOQ) through Upper Limit of Method Range

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2833 N. EL PASO ST. SUITE 130
COLORADO SPRINGS, CO USA 80907

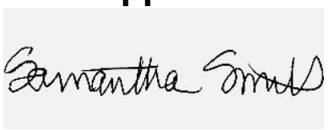
Water Soluble Liquid, CBD Isolate, 25%

Batch ID or Lot Number:	Test:	Reported:	USDA License:
CBDISOWSL22315L-001	**Potency**	**15Feb2023**	N/A
Matrix:	Test ID:	Started:	Sampler ID:
Concentrate	T000234965	13Feb2023	N/A
	Method(s): TM14 (HPLC-DAD): Potency - Full Spectrum Analysis, 0.3% THC	Received: 09Feb2023	Status: Active

Cannabinoids

	LOD (%)	**LOQ** (%)	**Result** (%)	**Result** (mg/g)	**Notes**
Cannabichromene (CBC)	0.022	0.059	ND	ND	
Cannabichromenic Acid (CBCA)	0.020	0.054	ND	ND	
Cannabidiol (CBD)	0.059	0.167	25.744	257.44	
Cannabidiolic Acid (CBDA)	0.061	0.171	ND	ND	
Cannabidivarin (CBDV)	0.014	0.039	0.115	1.15	
Cannabidivarinic Acid (CBDVA)	0.025	0.071	ND	ND	
Cannabigerol (CBG)	0.012	0.033	ND	ND	
Cannabigerolic Acid (CBGA)	0.051	0.139	ND	ND	
Cannabinol (CBN)	0.016	0.043	ND	ND	
Cannabinolic Acid (CBNA)	0.035	0.095	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.061	0.166	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.055	0.150	ND	ND	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.049	0.133	ND	ND	
Tetrahydrocannabivarin (THCV)	0.011	0.030	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.043	0.118	ND	ND	
Total Cannabinoids			**25.859**	**258.59**	
Total Potential THC			ND	ND	
Total Potential CBD			25.744	257.44	

Final Approval



Sam Smith
15Feb2023
12:53:00 PM MST

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Karen Winternheimer
15Feb2023
01:04:00 PM MST

APPROVED BY / DATE

https://results.botanacor.com/api/v1/coas/uuid/46f0f434-2955-4f2e-9809-f1b44791a4bc

Definitions
% = % (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)).

Cert #4329.02

Certified Test Laboratory

CDPHE Certified

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2833 N. EL PASO ST. SUITE 130
COLORADO SPRINGS, CO USA 80907

Water Soluble Liquid, CBD Isolate, 25%

Batch ID or Lot Number:	Test:	Reported:	USDA License:
CBDISOWSL22315L-001	**Residual Solvents**	**14Feb2023**	N/A
Matrix:	Test ID:	Started:	Sampler ID:
Concentrate	T000234969	13Feb2023	N/A
	Method(s):	Received:	Status:
	TM04 (GC-MS): Residual Solvents	09Feb2023	Active

Residual Solvents

	Dynamic Range (ppm)	**Result** (ppm)	**Notes**
Propane	86 - 1723	ND	
Butanes (Isobutane, n-Butane)	177 - 3544	ND	
Methanol	56 - 1126	ND	
Pentane	87 - 1745	ND	
Ethanol	96 - 1914	ND	
Acetone	88 - 1762	ND	
Isopropyl Alcohol	97 - 1938	ND	
Hexane	5 - 108	ND	
Ethyl Acetate	95 - 1902	ND	
Benzene	0.2 - 4.1	ND	
Heptanes	97 - 1950	ND	
Toluene	18 - 359	ND	
Xylenes (m,p,o-Xylenes)	141 - 2818	ND	

Final Approval

Sam Smith
15Feb2023
06:29:00 PM MST
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Karen Winternheimer
15Feb2023
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APPROVED BY / DATE

https://results.botanacor.com/api/v1/coas/uuid/a934c434-c043-4e06-8957-3319de5a5fc2

Definitions
ND = None Detected (defined by dynamic range of the method)
Dynamic Range = Limit of Quantitation (LOQ) through Upper Limit of Method Range

a934c434c0434e0689573319de5a5fc2.1