

CERTIFICATE OF ANALYSIS

Prepared for:

NANO LABS LLC

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

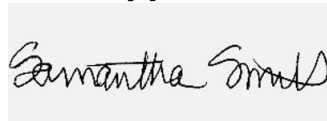
Water Soluble Liquid, Broad Spectrum, 25%

Batch ID or Lot Number: BSWSL22315L-001	Test: Heavy Metals	Reported: 17Feb2023	USDA License: NA
Matrix: Concentrate Co	Test ID: T000234962	Started: 16Feb2023	Sampler ID: NA
	Method(s): TM19 (ICP-MS): Heavy Metals	Received: 09Feb2023	Status: 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/76c91d77-d8e8-46d4-8c77-ef216af30f35>

Definitions

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

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.



Cert #4329.02



CDPHE Certified

76c91d77d8e846d48c77ef216af30f35.1

CERTIFICATE OF ANALYSIS

Prepared for:
NANO LABS LLC

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


Water Soluble Liquid, Broad Spectrum, 25%

Batch ID or Lot Number: BSWSL22315L-001	Test: Microbial Contaminants	Reported: 15Feb2023	USDA License: N/A
Matrix: Concentrate	Test ID: T000234961	Started: 10Feb2023	Sampler ID: N/A
	Method(s): TM25 (qPCR) TM24, TM26, TM27 (Culture Plating): Microbial (Colorado Panel)	Received: 09Feb2023	Status: Active

Microbial Contaminants

Contaminants	Method	LOD	Quantitation Range	Result	Notes
STEC	TM25: PCR	10 ⁰ CFU/25g	NA	Absent	Free from visual mold, mildew, and foreign matter
<i>Salmonella</i>	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

PREPARED BY / DATE



Eden Thompson-Wright
15Feb2023
03:59:00 PM MST

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/49089efd-6677-4ab7-9cf6-62c06f5bc03e>

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: 10² = 100 CFU, 10³ = 1,000 CFU, 10⁴ = 10,000 CFU, 10⁵ = 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

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.



Cert #4329.02

CDPHE Certified

49089efd66774ab79cf662c06f5bc03e.1

CERTIFICATE OF ANALYSIS

Prepared for:

NANO LABS LLC


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

Water Soluble Liquid, Broad Spectrum, 25%

Batch ID or Lot Number: BSWSL22315L-001	Test: Mycotoxins	Reported: 17Feb2023	USDA License: N/A
Matrix: Concentrate	Test ID: T000234964	Started: 16Feb2023	Sampler ID: N/A
	Method(s): TM18 (UHPLC-QQQ LCMS/MS): Mycotoxins	Received: 09Feb2023	Status: Active

Mycotoxins	Dynamic Range (ppb)	Result (ppb)	Notes
Ochratoxin A	2.10 - 136.00	ND	N/A
Aflatoxin B1	0.58 - 33.33	ND	
Aflatoxin B2	0.61 - 33.30	ND	
Aflatoxin G1	0.58 - 33.75	ND	
Aflatoxin G2	0.65 - 33.88	ND	
Total Aflatoxins (B1, B2, G1, and G2)		ND	

Final Approval



Sam Smith
17Feb2023
06:47:00 AM MST

PREPARED BY / DATE



Karen Winternheimer
17Feb2023
06:51:00 AM MST

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/8529eea2-36bb-4e55-8e7d-70081f3cb32b>

Definitions

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

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.



Cert #4329.02

CDPHE Certified

8529eea236bb4e558e7d70081f3cb32b.1

CERTIFICATE OF ANALYSIS

Prepared for:

NANO LABS LLC

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


Water Soluble Liquid, Broad Spectrum, 25%

Batch ID or Lot Number: BSWSL22315L-001	Test: Potency	Reported: 15Feb2023	USDA License: N/A
Matrix: Concentrate	Test ID: T000234959	Started: 13Feb2023	Sampler ID: 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)	0.023	0.061	ND	ND	
Cannabichromenic Acid (CBCA)	0.021	0.056	ND	ND	
Cannabidiol (CBD)	0.062	0.175	27.643	276.43	
Cannabidiolic Acid (CBDA)	0.064	0.180	ND	ND	
Cannabidivarin (CBDV)	0.015	0.041	0.125	1.25	
Cannabidivarinic Acid (CBDVA)	0.026	0.075	ND	ND	
Cannabigerol (CBG)	0.013	0.035	4.260	42.60	
Cannabigerolic Acid (CBGA)	0.054	0.146	ND	ND	
Cannabinol (CBN)	0.017	0.046	2.235	22.35	
Cannabinolic Acid (CBNA)	0.037	0.100	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.064	0.174	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.058	0.158	ND	ND	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.051	0.140	ND	ND	
Tetrahydrocannabivarin (THCV)	0.012	0.032	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.045	0.123	ND	ND	
Total Cannabinoids			34.263	342.63	
Total Potential THC			ND	ND	
Total Potential CBD			27.643	276.43	

Final Approval



Sam Smith
15Feb2023
12:53:00 PM MST

PREPARED BY / DATE



Karen Winternheimer
15Feb2023
01:04:00 PM MST

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/aeff2688-aa25-4a39-84d0-a979375b6f0d>

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)).

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.



Cert #4329.02

CDPHE Certified

aeff2688aa254a3984d0a979375b6f0d.1

CERTIFICATE OF ANALYSIS

Prepared for:

NANO LABS LLC


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

Water Soluble Liquid, Broad Spectrum, 25%

Batch ID or Lot Number: BSWSL22315L-001	Test: Residual Solvents	Reported: 14Feb2023	USDA License: N/A
Matrix: Concentrate	Test ID: T000234963	Started: 13Feb2023	Sampler ID: N/A
	Method(s): TM04 (GC-MS): Residual Solvents	Received: 09Feb2023	Status: Active

Residual Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	79 - 1579	ND	
Butanes (Isobutane, n-Butane)	162 - 3248	ND	
Methanol	52 - 1032	ND	
Pentane	80 - 1599	ND	
Ethanol	88 - 1754	ND	
Acetone	81 - 1615	ND	
Isopropyl Alcohol	89 - 1776	ND	
Hexane	5 - 99	ND	
Ethyl Acetate	87 - 1743	ND	
Benzene	0.2 - 3.7	ND	
Heptanes	89 - 1787	ND	
Toluene	16 - 329	ND	
Xylenes (m,p,o-Xylenes)	129 - 2583	ND	

Final Approval



Sam Smith
15Feb2023
06:29:00 PM MST

PREPARED BY / DATE



Karen Winternheimer
15Feb2023
06:29:00 PM MST

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/026bde0a-5b8c-4c75-befe-36c24f2c542f>

Definitions

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

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.



Cert #4329.02

CDPHE Certified
026bde0a5b8c4c75befe36c24f2c542f.1