

CERTIFICATE OF ANALYSIS

Prepared for:
AD Forward Solutions
 919 Haywood Rd Unit 111
 Asheville, NC 28806

Blueberry Pie 10/28/2024

Batch ID or Lot Number: BBP10282024	Test: Dry Weight Potency	Reported: 12Nov2024	USDA License: NA
Matrix: Plant	Test ID: T000293077	Started: 10Nov2024	Sampler ID: NA
	Method(s): TM14 (HPLC-DAD) \ TM21 (Karl Fischer)	Received: 08Nov2024	Status: NA

Cannabinoids	LOD (%)	LOQ (%)	Dry Weight Result (%)	MU Range (%)	Notes
Cannabichromene (CBC)	0.020	0.059	ND	ND	
Cannabichromenic Acid (CBCA)	0.018	0.054	0.222	0.205 - 0.239	
Cannabidiol (CBD)	0.067	0.159	ND	ND	
Cannabidiolic Acid (CBDA)	0.069	0.163	ND	ND	
Cannabidivarin (CBDV)	0.016	0.038	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.029	0.068	ND	ND	
Cannabigerol (CBG)	0.011	0.034	0.052	0.048 - 0.056	
Cannabigerolic Acid (CBGA)	0.046	0.141	0.261	0.241 - 0.281	
Cannabinol (CBN)	0.015	0.044	ND	ND	
Cannabinolic Acid (CBNA)	0.032	0.096	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.055	0.168	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.050	0.153	ND	ND	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.045	0.135	23.000	21.222 - 24.778	
Tetrahydrocannabivarin (THCV)	0.010	0.031	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.039	0.119	ND	ND	
Total Cannabinoids			23.535	21.678 - 25.392	
Total Potential THC			20.171	18.599 - 21.743	

Final Approval



Judith Marquez
12Nov2024
09:40:00 AM MST

PREPARED BY / DATE



Karen Winternheimer
12Nov2024
12:55:00 PM MST

APPROVED BY / DATE

<https://results.botanacor.com/api/v1/coas/uuid/96e64d69-32fd-4483-a0c7-cf14b0ff733d>

Definitions

% = % (w/w) = Percent (weight of analyte / weight of product). ND = None Detected (defined by dynamic range of the method). Percentage of Delta 9-THC on a dry weight basis = The percentage of Delta 9-THC by weight in cannabis item after excluding all moisture from the item. 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.

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 A2LA Cert #: 4329.02 Chemical; 4329.03 Biological.



Cert #4329.02

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CERTIFICATE OF ANALYSIS

Prepared for:

AD Forward Solutions

 919 Haywood Rd Unit 111
 Asheville, NC 28806

Blueberry Pie 10/28/2024

Batch ID or Lot Number: BBP10282024	Test: Heavy Metals	Reported: 12Nov2024	USDA License: NA
Matrix: Plant Material	Test ID: T000293080	Started: 11Nov2024	Sampler ID: NA
	Method(s): TM19 (ICP-MS): Heavy Metals	Received: 08Nov2024	Status: NA

Heavy Metals	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.04 - 4.32	ND	
Cadmium	0.04 - 4.39	ND	
Mercury	0.05 - 4.67	ND	
Lead	0.05 - 4.82	ND	

Final Approval


 Judith Marquez
 12Nov2024
 12:45:00 PM MST

PREPARED BY / DATE



APPROVED BY / DATE

 Sam Smith
 12Nov2024
 02:36:00 PM MST

<https://results.botanacor.com/api/v1/coas/uuid/b5e5e391-5e72-49e0-a9bf-ba1cd63e355a>
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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Cert #4329.02

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CERTIFICATE OF ANALYSIS

Prepared for:

AD Forward Solutions

919 Haywood Rd Unit 111
Asheville, NC 28806

Blueberry Pie 10/28/2024

Batch ID or Lot Number: BBP10282024	Test: Microbial Contaminants	Reported: 15Nov2024	USDA License: NA
Matrix: Plant	Test ID: T000293079	Started: 11Nov2024	Sampler ID: NA
	Method(s): TM25 (PCR) TM24, TM26, TM27 (Culture Plating)	Received: 08Nov2024	Status: NA

Microbial Contaminants	Method	LOD	Quantitation		Notes
			Range	Result	
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



Brett Hudson
15Nov2024
02:44:00 PM MST



Nora Langer
15Nov2024
02:52:00 PM MST

PREPARED BY / DATE

APPROVED BY / DATE

<https://results.botanacor.com/api/v1/coas/uuid/dba395a3-1e62-40e4-8736-7a37297be68f>

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

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CERTIFICATE OF ANALYSIS

Prepared for:

AD Forward Solutions

919 Haywood Rd Unit 111
Asheville, NC 28806

Blueberry Pie 10/28/2024

Batch ID or Lot Number: BBP10282024	Test: Pesticides	Reported: 13Nov2024	USDA License: NA
Matrix: Plant	Test ID: T000293078	Started: 12Nov2024	Sampler ID: NA
	Method(s): TM16 (LC-QQ LC MS/MS)	Received: 08Nov2024	Status: NA

Pesticides	Dynamic Range (ppb)	Result (ppb)	Dynamic Range (ppb)	Result (ppb)
Abamectin	124 - 1751	ND	Malathion	306 - 2641
Acephate	42 - 2808	ND	Metalaxyl	290 - 2701
Acetamiprid	43 - 2743	ND	Methiocarb	39 - 2758
Azoxystrobin	80 - 2709	ND	Methomyl	44 - 2803
Bifenazate	286 - 2688	ND	MGK 264 1	190 - 1582
Boscalid	267 - 2671	ND	MGK 264 2	100 - 1099
Carbaryl	42 - 2706	ND	Myclobutanil	45 - 2687
Carbofuran	42 - 2699	ND	Naled	291 - 2678
Chlorantraniliprole	252 - 2757	ND	Oxamyl	43 - 2807
Chlorpyrifos	277 - 2745	ND	Pacllobutrazol	43 - 2708
Clofentezine	289 - 2737	ND	Permethrin	265 - 2805
Diazinon	286 - 2700	ND	Phosmet	287 - 2573
Dichlorvos	320 - 2667	ND	Prophos	256 - 2752
Dimethoate	43 - 2757	ND	Propoxur	45 - 2700
E-Fenpyroximate	300 - 2735	ND	Pyridaben	42 - 2775
Etofenprox	44 - 2754	ND	Spinosad A	33 - 2079
Etoxazole	42 - 2682	ND	Spinosad D	12 - 662
Fenoxy carb	314 - 2657	ND	Spiromesifen	15 - 2750
Fipronil	301 - 2729	ND	Spirotetramat	295 - 2719
Flonicamid	53 - 2840	ND	Spiroxamine 1	17 - 1017
Fludioxonil	304 - 2727	ND	Spiroxamine 2	22 - 1614
Hexythiazox	294 - 2747	ND	Tebuconazole	302 - 2649
Imazalil	39 - 2639	ND	Thiacloprid	43 - 2779
Imidacloprid	40 - 2799	ND	Thiamethoxam	39 - 2795
Kresoxim-methyl	288 - 2721	ND	Trifloxystrobin	44 - 2717

Final Approval



PREPARED BY / DATE

Sam Smith
13Nov2024
11:39:00 AM MST



APPROVED BY / DATE

Karen Winternheimer
13Nov2024
11:40:00 AM MST

<https://results.botanacor.com/api/v1/coas/uuid/189893ad-950c-49aa-937d-3d8c583ff4ea>

Definitions

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Dynamic Range = Limit of Quantitation (LOQ) through Upper Limit of Method Range

ppb = Parts Per Billion

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