

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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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


Sam Smith
12Nov2024
02:36:00 PM MST

APPROVED BY / DATE

<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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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

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



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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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

Pesticides	Dynamic Range (ppb)	Result (ppb)
Abamectin	124 - 1751	ND
Acephate	42 - 2808	ND
Acetamiprid	43 - 2743	ND
Azoxystrobin	80 - 2709	ND
Bifenazate	286 - 2688	ND
Boscalid	267 - 2671	ND
Carbaryl	42 - 2706	ND
Carbofuran	42 - 2699	ND
Chlorantraniliprole	252 - 2757	ND
Chlorpyrifos	277 - 2745	ND
Clofentezine	289 - 2737	ND
Diazinon	286 - 2700	ND
Dichlorvos	320 - 2667	ND
Dimethoate	43 - 2757	ND
E-Fenpyroximate	300 - 2735	ND
Etofenprox	44 - 2754	ND
Etoxazole	42 - 2682	ND
Fenoxycarb	314 - 2657	ND
Fipronil	301 - 2729	ND
Flonicamid	53 - 2840	ND
Fludioxonil	304 - 2727	ND
Hexythiazox	294 - 2747	ND
Imazalil	39 - 2639	ND
Imidacloprid	40 - 2799	ND
Kresoxim-methyl	288 - 2721	ND

	Dynamic Range (ppb)	Result (ppb)
Malathion	306 - 2641	ND
Metalaxyl	290 - 2701	ND
Methiocarb	39 - 2758	ND
Methomyl	44 - 2803	ND
MGK 264 1	190 - 1582	ND
MGK 264 2	100 - 1099	ND
Myclobutanil	45 - 2687	ND
Naled	291 - 2678	ND
Oxamyl	43 - 2807	ND
Paclobutrazol	43 - 2708	ND
Permethrin	265 - 2805	ND
Phosmet	287 - 2573	ND
Prophos	256 - 2752	ND
Propoxur	45 - 2700	ND
Pyridaben	42 - 2775	ND
Spinosad A	33 - 2079	ND
Spinosad D	12 - 662	ND
Spiromesifen	15 - 2750	ND
Spirotetramat	295 - 2719	ND
Spiroxamine 1	17 - 1017	ND
Spiroxamine 2	22 - 1614	ND
Tebuconazole	302 - 2649	ND
Thiacloprid	43 - 2779	ND
Thiamethoxam	39 - 2795	ND
Trifloxystrobin	44 - 2717	ND

Final Approval



Sam Smith
13Nov2024
11:39:00 AM MST

PREPARED BY / DATE



Karen Winternheimer
13Nov2024
11:40:00 AM MST

APPROVED BY / DATE

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

Definitions

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

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