SC Labs®
Formerly Botanacor Labs

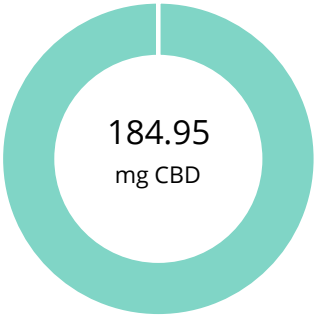
CERTIFICATE OF ANALYSIS

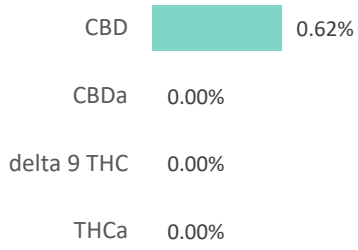
prepared for: Penguin Wellness LLC
245 Park Avenue
New York City, NY 10167

Chicken 150 mg Tincture

Batch ID:	B3219D	**Test ID:**	T000226070
Type:	Unit	**Submitted:**	10/31/2022 @ 12:48 PM
Test:	Potency	**Started:**	11/1/2022
Method:	TM14 (HPLC-DAD)	**Reported:**	11/3/2022

CANNABINOID PROFILE





Compound	LOQ (mg)	Result (mg)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	12.41	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	14.01	ND	ND
Cannabidiolic acid (CBDA)	14.83	ND	ND
Cannabidiol (CBD)	14.46	184.95	6.2
Delta 8-Tetrahydrocannabinol (Delta 8THC)	15.43	ND	ND
Cannabinolic Acid (CBNA)	8.83	ND	ND
Cannabinol (CBN)	4.04	ND	ND
Cannabigerolic acid (CBGA)	12.95	ND	ND
Cannabigerol (CBG)	3.10	10.80	0.4
Tetrahydrocannabivarinic Acid (THCVA)	10.95	ND	ND
Tetrahydrocannabivarin (THCV)	2.82	ND	ND
Cannabidivarinic Acid (CBDVA)	6.19	ND	ND
Cannabidivarin (CBDV)	3.42	ND	ND
Cannabichromenic Acid (CBCA)	4.99	ND	ND
Cannabichromene (CBC)	5.46	ND	ND
Total Cannabinoids		**195.75**	**6.6**
Total Potential THC**		ND	ND
Total Potential CBD**		184.95	6.2

% = % (w/w) = Percent (Weight of Analyte / Weight of Product)
* Total Cannabinoids result reflects the absolute sum of all cannabinoids detected.
** Total Potential THC/CBD 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)) and
Total CBD = CBD + (CBDa *(0.877))
ND = None Detected (Defined by Dynamic Range of the method)

NOTES:
# of Servings = 1, Sample Weight=30g

FINAL APPROVAL

Karen Winternheime
3-Nov-2022
2:28 PM
PREPARED BY / DATE

Sam Smith
3-Nov-2022
2:30 PM
APPROVED BY / DATE

Testing results are based solely upon the sample submitted to SC Laboratories, Inc. 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. All decision rulings are in accordance with the MED and results uploaded to METRC. This report may not be reproduced, except in full, without the written approval of SC Laboratories, Inc. ISO/IEC 17025:2017 Accredited A2LA Certificate Number 4329.01

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Certificate #4329.02

SC Labs®
Formerly Botanacor Labs

CERTIFICATE OF ANALYSIS

Prepared for:

Chicken 150 mg Tincture

Penguin Wellness LLC

Batch ID or Lot Number:	Test:	Reported:	Location:
B3219D	**Pesticides**	**11/4/22**	245 Park Avenue New York City, NY 10167

Matrix:	Test ID:	Started:	USDA License:
Concentrate	T000226071	11/3/22	N/A

Status:	Method:	Received:	Sampler ID:
N/A	TM17(LC-QQQ LC MS/MS):	10/31/2022 @ 12:48 PM	N/A

PESTICIDE DETERMINATION

Compound	LOQ (ppb)	Result (ppb)	Compound	LOQ (ppb)	Result (ppb)	Compound	LOQ (ppb)	Result (ppb)
Acephate	40	ND	**Fenoxycarb**	35	ND	**Paclobutrazol**	41	ND
Acetamiprid	40	ND	**Fipronil**	36	ND	**Permethrin**	280	ND
Abamectin	347	ND	**Flonicamid**	41	ND	**Phosmet**	43	ND
Azoxystrobin	40	ND	**Fludioxonil**	293	ND	**Prophos**	294	ND
Bifenazate	40	ND	**Hexythiazox**	41	ND	**Propoxur**	42	ND
Boscalid	24	ND	**Imazalil**	257	ND	**Pyridaben**	311	ND
Carbaryl	41	ND	**Imidacloprid**	42	ND	**Spinosad A**	30	ND
Carbofuran	41	ND	**Kresoxim-methyl**	150	ND	**Spinosad D**	46	ND
Chlorantraniliprole	38	ND	**Malathion**	280	ND	**Spiromesifen**	264	ND
Chlorpyrifos	500	ND	**Metalaxyl**	41	ND	**Spirotetramat**	289	ND
Clofentezine	279	ND	**Methiocarb**	42	ND	**Spiroxamine 1**	18	ND
Diazinon	283	ND	**Methomyl**	37	ND	**Spiroxamine 2**	22	ND
Dichlorvos	155	ND	**MGK 264 1**	171	ND	**Tebuconazole**	294	ND
Dimethoate	39	ND	**MGK 264 2**	119	ND	**Thiacloprid**	39	ND
E-Fenpyroximate	284	ND	**Myclobutanil**	32	ND	**Thiamethoxam**	38	ND
Etofenprox	41	ND	**Naled**	43	ND	**Trifloxystrobin**	42	ND
Etoxazole	296	ND	**Oxamyl**	1500	ND			

Karen Winternheimer
11/4/2022
8:49:00 AM

PREPARED BY / DATE

Sam Smith
11/4/2022
8:53:00 AM

APPROVED BY / DATE

Definitions

LOQ = Limit of Quantification
ppb = Parts per Billion

Testing results are based solely upon the sample submitted to SC Laboratories, Inc. 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. All decision rulings are in accordance with the MED and results uploaded to METRC. This report may not be reproduced, except in full, without the written approval of SC Laboratories, Inc. ISO/IEC 17025:2017 Accredited A2LA Certificate Number 4329.01

ilac-MRA A2LA ACCREDITED
Certificate #4329.02

botanacor

CERTIFICATE OF ANALYSIS

Prepared for:

Chicken 150 mg Tincture

Penguin Wellness LLC

Batch ID or Lot Number:	Test:	Reported:	Location:
B3219D	**Metals**	**11/3/22**	245 Park Avenue New York City, NY 10167

Matrix:	Test ID:	Started:	USDA License:
Unit	T000226072	11/2/22	N/A

Status:	Method:	Received:	Sampler ID:
Active	TM19 (ICP-MS): Heavy Metals	10/31/2022 @ 12:48 PM	N/A

HEAVY METALS DETERMINATION

Compound	Dynamic Range (ppm)	Result (ppm)
Arsenic	0.042 - 4.17	ND
Cadmium	0.042 - 4.21	ND
Mercury	0.041 - 4.14	ND
Lead	0.040 - 4.02	ND

Notes

Samantha Smith
Sam Smith
3-Nov-22
9:29 AM
PREPARED BY / DATE

Philip Travisano
3-Nov-22
10:09 AM
APPROVED BY / DATE

Definitions

ND = None Detected (Defined by Dynamic Range of the method)

Testing results are based solely upon the sample submitted to Botanacor Laboratories, LLC, in the condition it was received. Botanacor Laboratories, LLC 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 Botanacor Laboratories, LLC.

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Certificate #4329.02

botanacor

CERTIFICATE OF ANALYSIS

Prepared for:
Penguin Wellness LLC
245 Park Avenue
New York City, NY USA 10167

Penguin 150 mg Broad Spectrum Chicken

Batch ID or Lot Number:	Test:	Reported:	USDA License:
62145E	**Heavy Metals**	**02May2022**	NA
Matrix:	Test ID:	Started:	Sampler ID:
Unit	T000204106	29Apr2022	NA
	Method(s):	Received:	Status:
	TM19 (ICP-MS): Heavy Metals	25Apr2022	NA

Heavy Metals

	Dynamic Range (ppm)	**Result** (ppm)	**Notes**
Arsenic	0.04 - 4.20	ND	
Cadmium	0.04 - 4.27	ND	
Mercury	0.04 - 4.28	ND	
Lead	0.04 - 4.19	ND	

Final Approval

Samantha Smith
Sam Smith
02May2022
07:54:00 AM MDT
PREPARED BY / DATE

Alex Smith
Alex Smith
02May2022
11:55:00 AM MDT
APPROVED BY / DATE

https://results.botanacor.com/api/v1/coas/uuid/c2e2e6f8-bb98-43d0-accb-c9a65ded2d03

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

Cert #4329.02
c2e2e6f8bb9843d0accbc9a65ded2d03.1

botanacor

CERTIFICATE OF ANALYSIS

Prepared for:
Penguin Wellness LLC
245 Park Avenue
New York City, NY USA 10167

Penguin 150 mg Broad Spectrum Chicken

Batch ID or Lot Number:	Test:	Reported:	USDA License:
62145E	**Pesticides**	**02May2022**	NA
Matrix:	Test ID:	Started:	Sampler ID:
Concentrate	T000204105	29Apr2022	NA
	Method(s):	Received:	Status:
	TM17 (LC-QQ LC MS/MS)	25Apr2022	NA

Pesticides

	Dynamic Range (ppb)	**Result** (ppb)
Abamectin	286 - 2722	ND
Acephate	41 - 2729	ND
Acetamiprid	42 - 2729	ND
Azoxystrobin	42 - 2640	ND
Bifenazate	43 - 2645	ND
Boscalid	39 - 2763	ND
Carbaryl	38 - 2724	ND
Carbofuran	41 - 2722	ND
Chlorantraniliprole	49 - 2731	ND
Chlorpyrifos	46 - 2795	ND
Clofentezine	282 - 2718	ND
Diazinon	307 - 2708	ND
Dichlorvos	272 - 2708	ND
Dimethoate	41 - 2694	ND
E-Fenpyroximate	302 - 2741	ND
Etofenprox	41 - 2775	ND
Etoxazole	300 - 2746	ND
Fenoxycarb	28 - 2686	ND
Fipronil	63 - 2662	ND
Flonicamid	48 - 2711	ND
Fludioxonil	280 - 2710	ND
Hexythiazox	43 - 2775	ND
Imazalil	284 - 2704	ND
Imidacloprid	42 - 2724	ND
Kresoxim-methyl	48 - 2679	ND

	Dynamic Range (ppb)	**Result** (ppb)
Malathion	306 - 2674	ND
Metalaxyl	42 - 2696	ND
Methiocarb	42 - 2689	ND
Methomyl	39 - 2710	ND
MGK 264 1	181 - 1627	ND
MGK 264 2	126 - 1144	ND
Myclobutanil	47 - 2742	ND
Naled	47 - 2761	ND
Oxamyl	41 - 2719	ND
Paclobutrazol	42 - 2714	ND
Permethrin	313 - 2784	ND
Phosmet	42 - 2697	ND
Prophos	269 - 2697	ND
Propoxur	42 - 2728	ND
Pyridaben	298 - 2758	ND
Spinosad A	36 - 2243	ND
Spinosad D	49 - 503	ND
Spiromesifen	261 - 2759	ND
Spirotetramat	303 - 2636	ND
Spiroxamine 1	18 - 1160	ND
Spiroxamine 2	25 - 1529	ND
Tebuconazole	319 - 2661	ND
Thiacloprid	43 - 2682	ND
Thiamethoxam	42 - 2718	ND
Trifloxystrobin	42 - 2738	ND

Final Approval

Sam Smith
02May2022
07:53:00 AM MDT
PREPARED BY / DATE

Alex Smith
02May2022
12:03:00 PM MDT
APPROVED BY / DATE

https://results.botanacor.com/api/v1/coas/uuid/e90f594f-ad4d-46cc-aaa5-600cd326c90f

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

Cert #4329.02
e90f594fad4d46ccaaa5600cd326c90f.1

botanacor

CERTIFICATE OF ANALYSIS

Prepared for:
Penguin Wellness LLC
245 Park Avenue
New York City, NY USA 10167

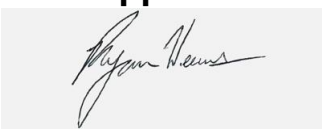
Penguin 150 mg Broad Spectrum Chicken

Batch ID or Lot Number:	Test:	Reported:	USDA License:
62145E	**Potency**	**28Apr2022**	N/A
Matrix:	Test ID:	Started:	Sampler ID:
Unit	T000204104	27Apr2022	N/A
	Method(s):	Received:	Status:
	TM14 (HPLC-DAD)	25Apr2022	N/A

Cannabinoids

	LOD (mg)	**LOQ** (mg)	**Result** (mg)	**Result** (mg/g)	**Notes**
Cannabichromene (CBC)	1.772	5.256	ND	ND	# of Servings = 1, Sample Weight=29.5g
Cannabichromenic Acid (CBCA)	1.621	4.807	ND	ND	
Cannabidiol (CBD)	4.878	14.368	199.310	6.80	
Cannabidiolic Acid (CBDA)	5.003	14.736	ND	ND	
Cannabidivarin (CBDV)	1.154	3.398	2.590	0.10	
Cannabidivarinic Acid (CBDVA)	2.087	6.147	ND	ND	
Cannabigerol (CBG)	1.006	2.984	9.940	0.30	
Cannabigerolic Acid (CBGA)	4.206	12.474	ND	ND	
Cannabinol (CBN)	1.313	3.893	ND	ND	
Cannabinolic Acid (CBNA)	2.870	8.511	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	5.011	14.861	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	4.551	13.497	ND	ND	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	4.032	11.958	ND	ND	
Tetrahydrocannabivarin (THCV)	0.915	2.714	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	3.557	10.548	ND	ND	
Total Cannabinoids			**211.840**	**7.18**	
Total Potential THC			ND	ND	
Total Potential CBD			199.310	6.76	

Final Approval



Ryan Weems
29Apr2022
06:10:00 PM MDT

PREPARED BY / DATE

Daniel Weidensaul
29Apr2022
06:16:00 PM MDT

APPROVED BY / DATE

https://results.botanacor.com/api/v1/coas/uuid/f912b87c-16c9-4944-8c6c-eb4a0f1b0ac4

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
f912b87c16c949448c6ceb4a0f1b0ac4.1

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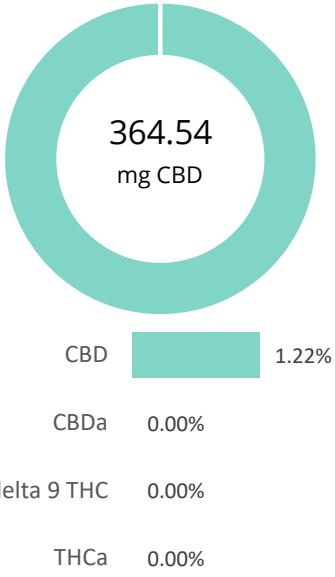
CERTIFICATE OF ANALYSIS

prepared for: Penguin Wellness LLC
245 Park Avenue
New York City, NY 10167

Chicken 300 mg Tincture

Batch ID:	FF6E36	**Test ID:**	T000226073
Type:	Unit	**Submitted:**	10/31/2022 @ 12:48 PM
Test:	Potency	**Started:**	11/1/2022
Method:	TM14 (HPLC-DAD)	**Reported:**	11/3/2022

CANNABINOID PROFILE



Compound	LOQ (mg)	Result (mg)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	12.88	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	14.54	ND	ND
Cannabidiolic acid (CBDA)	15.39	ND	ND
Cannabidiol (CBD)	15.00	364.54	12.2
Delta 8-Tetrahydrocannabinol (Delta 8THC)	16.01	ND	ND
Cannabinolic Acid (CBNA)	9.17	ND	ND
Cannabinol (CBN)	4.19	ND	ND
Cannabigerolic acid (CBGA)	13.43	ND	ND
Cannabigerol (CBG)	3.21	20.41	0.7
Tetrahydrocannabivarinic Acid (THCVA)	11.36	ND	ND
Tetrahydrocannabivarin (THCV)	2.92	ND	ND
Cannabidivarinic Acid (CBDVA)	6.42	ND	ND
Cannabidivarin (CBDV)	3.55	ND	ND
Cannabichromenic Acid (CBCA)	5.18	ND	ND
Cannabichromene (CBC)	5.66	ND	ND
Total Cannabinoids		**384.95**	**12.9**
Total Potential THC**		ND	ND
Total Potential CBD**		364.54	12.2

% = % (w/w) = Percent (Weight of Analyte / Weight of Product)
* Total Cannabinoids result reflects the absolute sum of all cannabinoids detected.
** Total Potential THC/CBD 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)) and
Total CBD = CBD + (CBDa *(0.877))
ND = None Detected (Defined by Dynamic Range of the method)

NOTES:
# of Servings = 1, Sample Weight=30g

FINAL APPROVAL

Karen Winternheime
3-Nov-2022
2:28 PM
PREPARED BY / DATE

Sam Smith
3-Nov-2022
2:30 PM
APPROVED BY / DATE

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Certificate #4329.02

SC Labs®
Formerly Botanacor Labs

CERTIFICATE OF ANALYSIS

Prepared for:

Chicken 300 mg Tincture

Penguin Wellness LLC

Batch ID or Lot Number:	Test:	Reported:	Location:
FF6E36	**Pesticides**	**11/4/22**	245 Park Avenue New York City, NY 10167

Matrix:	Test ID:	Started:	USDA License:
Concentrate	T000226074	11/3/22	N/A

Status:	Method:	Received:	Sampler ID:
N/A	TM17(LC-QQQ LC MS/MS):	10/31/2022 @ 12:48 PM	N/A

PESTICIDE DETERMINATION

Compound	LOQ (ppb)	Result (ppb)	Compound	LOQ (ppb)	Result (ppb)	Compound	LOQ (ppb)	Result (ppb)
Acephate	40	ND	**Fenoxycarb**	35	ND	**Paclobutrazol**	41	ND
Acetamiprid	40	ND	**Fipronil**	36	ND	**Permethrin**	280	ND
Abamectin	347	ND	**Flonicamid**	41	ND	**Phosmet**	43	ND
Azoxystrobin	40	ND	**Fludioxonil**	293	ND	**Prophos**	294	ND
Bifenazate	40	ND	**Hexythiazox**	41	ND	**Propoxur**	42	ND
Boscalid	24	ND	**Imazalil**	257	ND	**Pyridaben**	311	ND
Carbaryl	41	ND	**Imidacloprid**	42	ND	**Spinosad A**	30	ND
Carbofuran	41	ND	**Kresoxim-methyl**	150	ND	**Spinosad D**	46	ND
Chlorantraniliprole	38	ND	**Malathion**	280	ND	**Spiromesifen**	264	ND
Chlorpyrifos	500	ND	**Metalaxyl**	41	ND	**Spirotetramat**	289	ND
Clofentezine	279	ND	**Methiocarb**	42	ND	**Spiroxamine 1**	18	ND
Diazinon	283	ND	**Methomyl**	37	ND	**Spiroxamine 2**	22	ND
Dichlorvos	155	ND	**MGK 264 1**	171	ND	**Tebuconazole**	294	ND
Dimethoate	39	ND	**MGK 264 2**	119	ND	**Thiacloprid**	39	ND
E-Fenpyroximate	284	ND	**Myclobutanil**	32	ND	**Thiamethoxam**	38	ND
Etofenprox	41	ND	**Naled**	43	ND	**Trifloxystrobin**	42	ND
Etoxazole	296	ND	**Oxamyl**	1500	ND			

Karen Winternheimer
11/4/2022
8:49:00 AM
PREPARED BY / DATE

Sam Smith
11/4/2022
8:53:00 AM
APPROVED BY / DATE

Definitions

LOQ = Limit of Quantification
ppb = Parts per Billion

Testing results are based solely upon the sample submitted to SC Laboratories, Inc. 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. All decision rulings are in accordance with the MED and results uploaded to METRC. This report may not be reproduced, except in full, without the written approval of SC Laboratories, Inc. ISO/IEC 17025:2017 Accredited A2LA Certificate Number 4329.01

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Certificate #4329.02

botanacor

CERTIFICATE OF ANALYSIS

Prepared for:

Chicken 300 mg Tincture

Penguin Wellness LLC

Batch ID or Lot Number:	Test:	Reported:	Location:
FF6E36	**Metals**	**11/3/22**	245 Park Avenue New York City, NY 10167

Matrix:	Test ID:	Started:	USDA License:
Unit	T000226075	11/2/22	N/A

Status:	Method:	Received:	Sampler ID:
Active	TM19 (ICP-MS): Heavy Metals	10/31/2022 @ 12:48 PM	N/A

HEAVY METALS DETERMINATION

Compound	Dynamic Range (ppm)	Result (ppm)
Arsenic	0.042 - 4.17	ND
Cadmium	0.042 - 4.21	ND
Mercury	0.041 - 4.14	ND
Lead	0.040 - 4.02	ND

Notes

Samantha Smith
Sam Smith
3-Nov-22
9:29 AM
PREPARED BY / DATE

Philip Travisano
3-Nov-22
10:09 AM
APPROVED BY / DATE

Definitions

ND = None Detected (Defined by Dynamic Range of the method)

Testing results are based solely upon the sample submitted to Botanacor Laboratories, LLC, in the condition it was received. Botanacor Laboratories, LLC 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 Botanacor Laboratories, LLC.

ilac-MRA A2LA ACCREDITED
Certificate #4329.02

botanacor

CERTIFICATE OF ANALYSIS

Prepared for:
Penguin Wellness LLC
245 Park Avenue
New York City, NY USA 10167

Penguin 300 mg Broad Spectrum Chicken

Batch ID or Lot Number:	Test:	Reported:	USDA License:
897517	**Heavy Metals**	**02May2022**	NA
Matrix:	Test ID:	Started:	Sampler ID:
Unit	T000204109	29Apr2022	NA
	Method(s):	Received:	Status:
	TM19 (ICP-MS): Heavy Metals	25Apr2022	NA

Heavy Metals

	Dynamic Range (ppm)	**Result** (ppm)	**Notes**
Arsenic	0.04 - 4.20	ND	
Cadmium	0.04 - 4.27	ND	
Mercury	0.04 - 4.28	ND	
Lead	0.04 - 4.19	ND	

Final Approval

Samantha Smith
Sam Smith
02May2022
07:54:00 AM MDT
PREPARED BY / DATE

Alex Smith
Alex Smith
02May2022
11:55:00 AM MDT
APPROVED BY / DATE

https://results.botanacor.com/api/v1/coas/uuid/9f19905e-6e8e-405a-b97e-964886504269

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

Cert #4329.02
9f19905e6e8e405ab97e964886504269.1

botanacor

CERTIFICATE OF ANALYSIS

Prepared for:
Penguin Wellness LLC
245 Park Avenue
New York City, NY USA 10167

Penguin 300 mg Broad Spectrum Chicken

Batch ID or Lot Number:	Test:	Reported:	USDA License:
897517	**Pesticides**	**02May2022**	NA
Matrix:	Test ID:	Started:	Sampler ID:
Concentrate	T000204108	29Apr2022	NA
	Method(s):	Received:	Status:
	TM17 (LC-QQ LC MS/MS)	25Apr2022	NA

Pesticides

	Dynamic Range (ppb)	**Result** (ppb)
Abamectin	286 - 2722	ND
Acephate	41 - 2729	ND
Acetamiprid	42 - 2729	ND
Azoxystrobin	42 - 2640	ND
Bifenazate	43 - 2645	ND
Boscalid	39 - 2763	ND
Carbaryl	38 - 2724	ND
Carbofuran	41 - 2722	ND
Chlorantraniliprole	49 - 2731	ND
Chlorpyrifos	46 - 2795	ND
Clofentezine	282 - 2718	ND
Diazinon	307 - 2708	ND
Dichlorvos	272 - 2708	ND
Dimethoate	41 - 2694	ND
E-Fenpyroximate	302 - 2741	ND
Etofenprox	41 - 2775	ND
Etoxazole	300 - 2746	ND
Fenoxycarb	28 - 2686	ND
Fipronil	63 - 2662	ND
Flonicamid	48 - 2711	ND
Fludioxonil	280 - 2710	ND
Hexythiazox	43 - 2775	ND
Imazalil	284 - 2704	ND
Imidacloprid	42 - 2724	ND
Kresoxim-methyl	48 - 2679	ND

	Dynamic Range (ppb)	**Result** (ppb)
Malathion	306 - 2674	ND
Metalaxyl	42 - 2696	ND
Methiocarb	42 - 2689	ND
Methomyl	39 - 2710	ND
MGK 264 1	181 - 1627	ND
MGK 264 2	126 - 1144	ND
Myclobutanil	47 - 2742	ND
Naled	47 - 2761	ND
Oxamyl	41 - 2719	ND
Paclobutrazol	42 - 2714	ND
Permethrin	313 - 2784	ND
Phosmet	42 - 2697	ND
Prophos	269 - 2697	ND
Propoxur	42 - 2728	ND
Pyridaben	298 - 2758	ND
Spinosad A	36 - 2243	ND
Spinosad D	49 - 503	ND
Spiromesifen	261 - 2759	ND
Spirotetramat	303 - 2636	ND
Spiroxamine 1	18 - 1160	ND
Spiroxamine 2	25 - 1529	ND
Tebuconazole	319 - 2661	ND
Thiacloprid	43 - 2682	ND
Thiamethoxam	42 - 2718	ND
Trifloxystrobin	42 - 2738	ND

Final Approval

Sam Smith
02May2022
07:53:00 AM MDT
PREPARED BY / DATE

Alex Smith
02May2022
12:03:00 PM MDT
APPROVED BY / DATE

https://results.botanacor.com/api/v1/coas/uuid/41360aa2-266c-4914-b7ba-180e03249d4c

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

Cert #4329.02
41360aa2266c4914b7ba180e03249d4c.1

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CERTIFICATE OF ANALYSIS

Prepared for:
Penguin Wellness LLC
245 Park Avenue
New York City, NY USA 10167

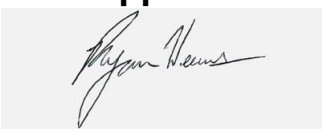
Penguin 300 mg Broad Spectrum Chicken

Batch ID or Lot Number:	Test:	Reported:	USDA License:
897517	**Potency**	**28Apr2022**	N/A
Matrix:	Test ID:	Started:	Sampler ID:
Unit	T000204107	27Apr2022	N/A
	Method(s):	Received:	Status:
	TM14 (HPLC-DAD)	25Apr2022	N/A

Cannabinoids

	LOD (mg)	**LOQ** (mg)	**Result** (mg)	**Result** (mg/g)	**Notes**
Cannabichromene (CBC)	1.675	4.967	ND	ND	# of Servings = 1, Sample Weight=29.5g
Cannabichromenic Acid (CBCA)	1.532	4.543	ND	ND	
Cannabidiol (CBD)	4.609	13.577	387.450	13.10	
Cannabidiolic Acid (CBDA)	4.728	13.926	ND	ND	
Cannabidivarin (CBDV)	1.090	3.211	5.300	0.20	
Cannabidivarinic Acid (CBDVA)	1.972	5.809	ND	ND	
Cannabigerol (CBG)	0.951	2.820	19.630	0.70	
Cannabigerolic Acid (CBGA)	3.975	11.788	ND	ND	
Cannabinol (CBN)	1.240	3.679	ND	ND	
Cannabinolic Acid (CBNA)	2.712	8.043	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	4.735	14.044	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	4.301	12.754	ND	ND	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	3.810	11.300	ND	ND	
Tetrahydrocannabivarin (THCV)	0.865	2.565	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	3.361	9.967	ND	ND	
Total Cannabinoids			**412.380**	**13.98**	
Total Potential THC			ND	ND	
Total Potential CBD			387.450	13.13	

Final Approval



Ryan Weems
29Apr2022
06:10:00 PM MDT

PREPARED BY / DATE

Daniel Weidensaul
29Apr2022
06:16:00 PM MDT

APPROVED BY / DATE

https://results.botanacor.com/api/v1/coas/uuid/317af747-6935-4d1d-a797-ea4cfa31dba5

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)).

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CERTIFICATE OF ANALYSIS

Prepared for:
Penguin Wellness LLC
245 Park Avenue
New York City, NY USA 10167

Penguin 300mg Chicken Broad Spectrum

Batch ID or Lot Number:	Test, Test ID and Methods:	Matrix:	Page 1 of 3
C57345	Various	Finished Product	
Reported:	Started:	Received:	
01Jun2023	01Jun2023	26May2023	

Heavy Metals

Test ID: T000244879
Methods: TM19 (ICP-MS): Heavy Metals

	Dynamic Range (ppm)	**Result** (ppm)	**Notes**
Arsenic	0.05 - 4.64	ND	
Cadmium	0.04 - 4.44	ND	
Mercury	0.05 - 4.55	ND	
Lead	0.04 - 4.26	ND	

Final Approval

Sam Smith
01Jun2023
01:58:00 PM MDT
PREPARED BY / DATE

Karen Winternheimer
01Jun2023
02:04:00 PM MDT
APPROVED BY / DATE

Cannabinoids

Test ID: T000244877
Methods: TM14 (HPLC-DAD)

	LOD (mg)	**LOQ** (mg)	**Result** (mg)	**Result** (mg/g)	**Notes**
Cannabichromene (CBC)	1.701	5.433	ND	ND	# of Servings = 1, Sample Weight=28.8g
Cannabichromenic Acid (CBCA)	1.556	4.969	ND	ND	
Cannabidiol (CBD)	4.589	13.844	330.810	11.50	
Cannabidiolic Acid (CBDA)	4.707	14.199	ND	ND	
Cannabidivarin (CBDV)	1.085	3.274	<LOQ	<LOQ	
Cannabidivarinic Acid (CBDVA)	1.963	5.923	ND	ND	
Cannabigerol (CBG)	0.966	3.085	11.880	0.40	
Cannabigerolic Acid (CBGA)	4.038	12.895	ND	ND	
Cannabinol (CBN)	1.260	4.024	ND	ND	
Cannabinolic Acid (CBNA)	2.755	8.798	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	4.810	15.363	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	4.369	13.952	ND	ND	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	3.871	12.362	ND	ND	
Tetrahydrocannabivarin (THCV)	0.879	2.806	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	3.414	10.904	ND	ND	
Total Cannabinoids			**342.690**	**11.90**	
Total Potential THC			ND	ND	
Total Potential CBD			330.810	11.50	

Final Approval

Sam Smith
02Jun2023
11:09:00 AM MDT
PREPARED BY / DATE

Karen Winternheimer
02Jun2023
11:14:00 AM MDT
APPROVED BY / DATE

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CERTIFICATE OF ANALYSIS

Prepared for:
Penguin Wellness LLC
245 Park Avenue
New York City, NY USA 10167

Penguin 300mg Chicken Broad Spectrum

Batch ID or Lot Number:	Test, Test ID and Methods:	Matrix:	
C57345	Various	Finished Product	
Reported:	Started:	Received:	
01Jun2023	01Jun2023	26May2023	

Pesticides

Test ID: T000244878
Methods: TM17

(LC-QQ LC MS/MS)	**Dynamic Range** (ppb)	**Result** (ppb)		**Dynamic Range** (ppb)	**Result** (ppb)
Abamectin	259 - 2844	ND	Malathion	290 - 2732	ND
Acephate	42 - 2785	ND	Metalaxyl	44 - 2731	ND
Acetamiprid	42 - 2735	ND	Methiocarb	43 - 2750	ND
Azoxystrobin	46 - 2696	ND	Methomyl	42 - 2794	ND
Bifenazate	41 - 2719	ND	MGK 264 1	180 - 1681	ND
Boscalid	52 - 2649	ND	MGK 264 2	114 - 1072	ND
Carbaryl	41 - 2726	ND	Myclobutanil	41 - 2740	ND
Carbofuran	43 - 2710	ND	Naled	49 - 2751	ND
Chlorantraniliprole	41 - 2771	ND	Oxamyl	43 - 2776	ND
Chlorpyrifos	51 - 2721	ND	Paclobutrazol	45 - 2738	ND
Clofentezine	291 - 2751	ND	Permethrin	262 - 2719	ND
Diazinon	284 - 2724	ND	Phosmet	39 - 2688	ND
Dichlorvos	285 - 2789	ND	Prophos	281 - 2732	ND
Dimethoate	44 - 2745	ND	Propoxur	41 - 2716	ND
E-Fenpyroximate	282 - 2714	ND	Pyridaben	289 - 2686	ND
Etofenprox	42 - 2693	ND	Spinosad A	34 - 2079	ND
Etoxazole	290 - 2686	ND	Spinosad D	63 - 656	ND
Fenoxycarb	13 - 2766	ND	Spiromesifen	265 - 2700	ND
Fipronil	28 - 2735	ND	Spirotetramat	274 - 2738	ND
Flonicamid	50 - 2822	ND	Spiroxamine 1	19 - 1212	ND
Fludioxonil	296 - 2655	ND	Spiroxamine 2	22 - 1523	ND
Hexythiazox	39 - 2714	ND	Tebuconazole	293 - 2735	ND
Imazalil	301 - 2741	ND	Thiacloprid	42 - 2724	ND
Imidacloprid	42 - 2778	ND	Thiamethoxam	40 - 2772	ND
Kresoxim-methyl	52 - 2733	ND	Trifloxystrobin	43 - 2707	ND

Final Approval

Samantha Smith
Sam Smith
05Jun2023
11:12:00 AM MDT
PREPARED BY / DATE

K Winternheimer
Karen Winternheimer
05Jun2023
11:20:00 AM MDT
APPROVED BY / DATE

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CERTIFICATE OF ANALYSIS

Prepared for:
Penguin Wellness LLC
245 Park Avenue
New York City, NY USA 10167

Penguin 300mg Chicken Broad Spectrum

Batch ID or Lot Number:	Test, Test ID and Methods:	Matrix:	
C57345	Various	Finished Product	
Reported:	Started:	Received:	
01Jun2023	01Jun2023	26May2023	

https://results.botanacor.com/api/v1/coas/uuid/32fc3545-0d96-40d4-b2af-6afcd93523b3

Definitions
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Penguin 300mg Chicken Broad Spectrum

Batch ID or Lot Number:	Test, Test ID and Methods:	Matrix:	Page 1 of 3
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Reported:	Started:	Received:	
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Test ID: T000244879
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Mercury	0.05 - 4.55	ND	
Lead	0.04 - 4.26	ND	

Final Approval

Sam Smith
01Jun2023
01:58:00 PM MDT
PREPARED BY / DATE

Karen Winternheimer
01Jun2023
02:04:00 PM MDT
APPROVED BY / DATE

Cannabinoids

Test ID: T000244877
Methods: TM14 (HPLC-DAD)

	LOD (mg)	**LOQ** (mg)	**Result** (mg)	**Result** (mg/g)	**Notes**
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Tetrahydrocannabivarin (THCV)	0.879	2.806	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	3.414	10.904	ND	ND	
Total Cannabinoids			**342.690**	**11.90**	
Total Potential THC			ND	ND	
Total Potential CBD			330.810	11.50	

Final Approval

Sam Smith
02Jun2023
11:09:00 AM MDT
PREPARED BY / DATE

Karen Winternheimer
02Jun2023
11:14:00 AM MDT
APPROVED BY / DATE

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CERTIFICATE OF ANALYSIS

Prepared for:
Penguin Wellness LLC
245 Park Avenue
New York City, NY USA 10167

Penguin 300mg Chicken Broad Spectrum

Batch ID or Lot Number:	Test, Test ID and Methods:	Matrix:	
C57345	Various	Finished Product	
Reported:	Started:	Received:	
01Jun2023	01Jun2023	26May2023	

Pesticides

Test ID: T000244878
Methods: TM17

(LC-QQ LC MS/MS)	**Dynamic Range** (ppb)	**Result** (ppb)		**Dynamic Range** (ppb)	**Result** (ppb)
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Carbofuran	43 - 2710	ND	Naled	49 - 2751	ND
Chlorantraniliprole	41 - 2771	ND	Oxamyl	43 - 2776	ND
Chlorpyrifos	51 - 2721	ND	Paclobutrazol	45 - 2738	ND
Clofentezine	291 - 2751	ND	Permethrin	262 - 2719	ND
Diazinon	284 - 2724	ND	Phosmet	39 - 2688	ND
Dichlorvos	285 - 2789	ND	Prophos	281 - 2732	ND
Dimethoate	44 - 2745	ND	Propoxur	41 - 2716	ND
E-Fenpyroximate	282 - 2714	ND	Pyridaben	289 - 2686	ND
Etofenprox	42 - 2693	ND	Spinosad A	34 - 2079	ND
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Hexythiazox	39 - 2714	ND	Tebuconazole	293 - 2735	ND
Imazalil	301 - 2741	ND	Thiacloprid	42 - 2724	ND
Imidacloprid	42 - 2778	ND	Thiamethoxam	40 - 2772	ND
Kresoxim-methyl	52 - 2733	ND	Trifloxystrobin	43 - 2707	ND

Final Approval

Samantha Smith
Sam Smith
05Jun2023
11:12:00 AM MDT
PREPARED BY / DATE

K Winternheimer
Karen Winternheimer
05Jun2023
11:20:00 AM MDT
APPROVED BY / DATE

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CERTIFICATE OF ANALYSIS

Prepared for:
Penguin Wellness LLC
245 Park Avenue
New York City, NY USA 10167

Penguin 300mg Chicken Broad Spectrum

Batch ID or Lot Number:	Test, Test ID and Methods:	Matrix:	
C57345	Various	Finished Product	
Reported:	Started:	Received:	
01Jun2023	01Jun2023	26May2023	

https://results.botanacor.com/api/v1/coas/uuid/32fc3545-0d96-40d4-b2af-6afcd93523b3

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Cert #4329.02
32fc35450d9640d4b2af6afcd93523b3.1