

Penguin 150 mg Broad Spectrum Salmon

## CERTIFICATE OF ANALYSIS

Prepared for:

#### **Penguin Wellness LLC**

245 Park Avenue New York City, NY USA 10167

#### Batch ID or Lot Number: Test: Reported: USDA License: 4E4B99 **Heavy Metals** 02May2022 NA Matrix: Test ID: Started: Sampler ID: T000204103 Unit 29Apr2022 NA Received: Status: Method(s): 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 mo

PREPARED BY / DATE

Sam Smith 02May2022

Smith

Alex Smith 02May2022 11:55:00 AM MDT



07:54:00 AM MDT

APPROVED BY / DATE

https://results.botanacor.com/api/v1/coas/uuid/d9d2b77a-cbe1-4ecd-9bfe-8702f4c638d0

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 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 Botanacol Laboratories, LLC. ISO/IEC 17025:2017 Accredited by A2LA.





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| Batch ID or Lot Number: | Test:                 | Reported:        | USDA License: |
|-------------------------|-----------------------|------------------|---------------|
| <b>4E4B99</b>           | <b>Pesticides</b>     | <b>02May2022</b> | NA            |
| Matrix:                 | Test ID:              | Started:         | Sampler ID:   |
| Concentrate             | T000204102            | 29Apr2022        | NA            |
|                         | Method(s):            | Received:        | Status:       |
|                         | TM17 (LC-QQ LC MS/MS) | 25Apr2022        | NA            |

| Pesticides          | <b>Dynamic Range</b> (ppb) | Result (ppb) |                 | <b>Dynamic Range</b> (ppb) | Result (ppb) |
|---------------------|----------------------------|--------------|-----------------|----------------------------|--------------|
| Abamectin           | 286 - 2722                 | ND           | Malathion       | 306 - 2674                 | ND           |
| Acephate            | 41 - 2729                  | ND           | Metalaxyl       | 42 - 2696                  | ND           |
| Acetamiprid         | 42 - 2729                  | ND           | Methiocarb      | 42 - 2689                  | ND           |
| Azoxystrobin        | 42 - 2640                  | ND           | Methomyl        | 39 - 2710                  | ND           |
| Bifenazate          | 43 - 2645                  | ND           | MGK 264 1       | 181 - 1627                 | ND           |
| Boscalid            | 39 - 2763                  | ND           | MGK 264 2       | 126 - 1144                 | ND           |
| Carbaryl            | 38 - 2724                  | ND           | Myclobutanil    | 47 - 2742                  | ND           |
| Carbofuran          | 41 - 2722                  | ND           | Naled           | 47 - 2761                  | ND           |
| Chlorantraniliprole | 49 - 2731                  | ND           | Oxamyl          | 41 - 2719                  | ND           |
| Chlorpyrifos        | 46 - 2795                  | ND           | Paclobutrazol   | 42 - 2714                  | ND           |
| Clofentezine        | 282 - 2718                 | ND           | Permethrin      | 313 - 2784                 | ND           |
| Diazinon            | 307 - 2708                 | ND           | Phosmet         | 42 - 2697                  | ND           |
| Dichlorvos          | 272 - 2708                 | ND           | Prophos         | 269 - 2697                 | ND           |
| Dimethoate          | 41 - 2694                  | ND           | Propoxur        | 42 - 2728                  | ND           |
| E-Fenpyroximate     | 302 - 2741                 | ND           | Pyridaben       | 298 - 2758                 | ND           |
| Etofenprox          | 41 - 2775                  | ND           | Spinosad A      | 36 - 2243                  | ND           |
| Etoxazole           | 300 - 2746                 | ND           | Spinosad D      | 49 - 503                   | ND           |
| Fenoxycarb          | 28 - 2686                  | ND           | Spiromesifen    | 261 - 2759                 | ND           |
| Fipronil            | 63 - 2662                  | ND           | Spirotetramat   | 303 - 2636                 | ND           |
| Flonicamid          | 48 - 2711                  | ND           | Spiroxamine 1   | 18 - 1160                  | ND           |
| Fludioxonil         | 280 - 2710                 | ND           | Spiroxamine 2   | 25 - 1529                  | ND           |
| Hexythiazox         | 43 - 2775                  | ND           | Tebuconazole    | 319 - 2661                 | ND           |
| Imazalil            | 284 - 2704                 | ND           | Thiacloprid     | loprid 43 - 2682           |              |
| Imidacloprid        | 42 - 2724                  | ND           | Thiamethoxam    | 42 - 2718                  | ND           |
| Kresoxim-methyl     | 48 - 2679                  | ND           | Trifloxystrobin | 42 - 2738                  | ND           |

## **Final Approval**

Samantha Sma

Sam Smith 02May2022 07:53:00 AM MDT

Smith

Alex Smith 02May2022 12:03:00 PM MDT



PREPARED BY / DATE

APPROVED BY / DATE

https://results.botanacor.com/api/v1/coas/uuid/764714bf-4177-477f-a245-d35577949c64

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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245 Park Avenue New York City, NY USA 10167

#### Penguin 150 mg Broad Spectrum Salmon

| Batch ID or Lot Number: | Test:                         | Reported:              | USDA License:  |  |
|-------------------------|-------------------------------|------------------------|----------------|--|
| <b>4E4B99</b>           | <b>Potency</b>                | 28Apr2022              | N/A            |  |
| Matrix:                 | Test ID:                      | Started:               | Sampler ID:    |  |
| Unit                    | T000204101                    | 27Apr2022              | N/A            |  |
|                         | Method(s):<br>TM14 (HPLC-DAD) | Received:<br>25Apr2022 | Status:<br>N/A |  |

| Cannabinoids                                 | LOD (mg) | <b>LOQ</b> (mg) | Result (mg) | <b>Result</b> (mg/g) | Notes              |
|--|----------|-----------------|-------------|----------------------|--------------------|
| Cannabichromene (CBC)                        | 1.644    | 4.875           | ND          | ND                   | # of Servings = 1, |
| Cannabichromenic Acid (CBCA)                 | 1.504    | 4.459           | ND          | ND                   | Sample             |
| Cannabidiol (CBD)                            | 4.524    | 13.327          | 199.360     | 6.80                 | Weight=29.5g       |
| Cannabidiolic Acid (CBDA)                    | 4.640    | 13.669          | ND          | ND                   |                    |
| Cannabidivarin (CBDV)                        | 1.070    | 3.152           | 2.670       | 0.10                 |                    |
| Cannabidivarinic Acid (CBDVA)                | 1.936    | 5.702           | ND          | ND                   |                    |
| Cannabigerol (CBG)                           | 0.933    | 2.768           | 9.320       | 0.30                 |                    |
| Cannabigerolic Acid (CBGA)                   | 3.902    | 11.571          | ND          | ND                   |                    |
| Cannabinol (CBN)                             | 1.218    | 3.611           | ND          | ND                   |                    |
| Cannabinolic Acid (CBNA)                     | 2.662    | 7.894           | ND          | ND                   |                    |
| Delta 8-Tetrahydrocannabinol (Delta 8-THC)   | 4.648    | 13.785          | ND          | ND                   |                    |
| Delta 9-Tetrahydrocannabinol (Delta 9-THC)   | 4.221    | 12.519          | ND          | ND                   |                    |
| Delta 9-Tetrahydrocannabinolic Acid (THCA-A) | 3.740    | 11.092          | ND          | ND                   |                    |
| Tetrahydrocannabivarin (THCV)                | 0.849    | 2.518           | ND          | ND                   |                    |
| Tetrahydrocannabivarinic Acid (THCVA)        | 3.299    | 9.784           | ND          | ND                   |                    |
| Total Cannabinoids                           |          |                 | 211.350     | 7.16                 |                    |
| Total Potential THC                          |          |                 | ND          | ND                   |                    |
| Total Potential CBD                          |          |                 | 199.360     | 6.76                 |                    |

#### **Final Approval**

PREPARED BY / DATE

Ryan Weems 29Apr2022 06:10:00 PM MDT

Daniel Weidensaul 29Apr2022 06:16:00 PM MDT



APPROVED BY / DATE

https://results.botanacor.com/api/v1/coas/uuid/2dd97d2b-079b-4b30-8340-d616f8673424

#### 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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