

Naturefine Plus - 3oz Roll-on 1000mg (EC-20018)



The Emerald Corp

48 Mall Drive
Commack, New York 11725
theemeraldcorp.com



Order ID#: 20200813-95
Product Type: Tincture
Unit size (mL)*: 88.72
Lot Number: NA
Batch Number: EC-20018

Lab Code#: LC-20200813-191
Sample date: 13-Aug-2020
Sample received: 21-Aug-2020
Completed: 2-Sep-2020
Report expires: 2-Sep-2021

SAFETY ANALYSIS

PASS Microbials	PASS Mycotoxins	PASS Metals	PASS Pesticides	PASS Solvents
---------------------------	---------------------------	-----------------------	---------------------------	-------------------------

CANNABINOIDS

Analysis Batch: WO-20082406
Analysis Date: Wednesday, August 26, 2020

Test Method: SOP 6.9
Instrument: Agilent HPLC, Instrument 33

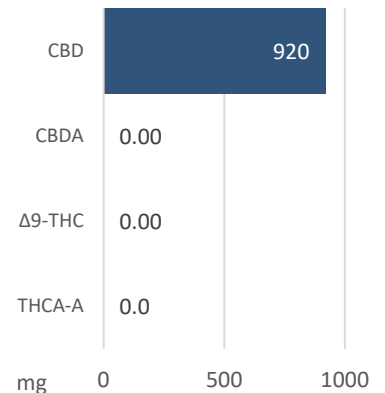
Analyte	% ^a	mg/g	mg/unit
THCA-A	ND	ND	ND
Δ9-THC	ND	ND	ND
CBDA	ND	ND	ND
CBD	1.04	10.37	919.8
CBN	ND	ND	ND
CBDV	ND	ND	ND
Δ8-THC	ND	ND	ND
THCV	ND	ND	ND
CBG	ND	ND	ND
CBGA	ND	ND	ND
CBC	ND	ND	ND
Total:	1.04	10.37	919.8

Total THC^b
ND
PASS

Total CBD^c
920 mg

TOTAL^d
920 mg

Profile (mg/unit)



^a Detection Level = 0.03% by weight.

^b Total THC is calculated as THC + (THCA × 0.877).

^c Total CBD is calculated as CBD + (CBDA × 0.877).

^d Absolute sum of all cannabinoids above the level of detection.

Comments:

*3 oz. = 88.72 mL



Authorization

Digitally signed by YoungChul Park
DN: cn=YoungChul Park, o=Americanna
Laboratories, LLC, ou=Cannabis Division,
email=ypark@americannalab.com, c=US
Date: 2020.09.02 14:21:18 -0400'

YoungChul Park, Ph.D., Laboratory Director

Approval Date: 2-Sep-2020

Test results are based solely upon the test article submitted to Americanna Laboratories, LLC in the condition it was received. Americanna Laboratories, LLC warrants that all analytical work was conducted in a professional manner in accordance with the requirements of ISO/IEC 17025:2017, such as comparison to Certified Reference Materials and NIST traceable Reference Standards. This report shall not be reproduced, except in its entirety, without the written approval of Americanna Laboratories, LLC. Test results are confidential unless explicitly waived. Void after 1 year from test end date.

ND=Not Detected, NT=Not Tested, ppm=Parts Per Million, ppb=Parts Per Billion. Limit of Detection (LOD) and Limit of Quantitation (LOQ) are terms used to describe the smallest concentration that can be reliably measured by an analytical procedure.

- continued -

Naturefine Plus - 3oz Roll-on 1000mg (EC-20018)



The Emerald Corp

48 Mall Drive
Commack, New York 11725
theemeraldcorp.com



Order ID#:	20200813-95	Lab Code#:	LC-20200813-191
Product Type:	Tincture	Sample date:	13-Aug-2020
Unit size (mL)*:	88.72	Sample received:	21-Aug-2020
Lot Number:	NA	Completed:	2-Sep-2020
Batch Number:	EC-20018	Report expires:	2-Sep-2021

MICROBIAL CONTAMINANTS

Analysis Batch:	WO-20082404	Test Method:	SOP 6.11
Analysis Date:	Thursday, August 27, 2020	Instrument:	Agilent AriaMX, Instrument 38

TEST	RESULT	SPECIFICATION
Shiga toxin-producing E.coli (STEC)	Pass	Not present
Escherichia coli (E. coli)	Pass	Not present
Salmonella	Pass	Not present
Listeria	Pass	Not present

MYCOTOXINS

Analysis Batch:	WO-20082407	Test Method:	SOP 6.7
Analysis Date:	Tuesday, August 25, 2020	Instrument:	Agilent LC-MS/MS, Instrument 32

ANALYTE	RESULT	ACTION LIMIT	LOD	UNIT
Aflatoxin, Total	Pass	0.020	0.005	µg/g
Ochratoxin A	Pass	0.020	0.005	µg/g

* Total Aflatoxin includes B1, B2, G1 and G2.

HEAVY METALS

Analysis Batch:	WO-20082405	Test Method:	SOP 6.10
Analysis Date:	Monday, August 24, 2020	Instrument:	Agilent ICP/MS, Instrument 37

ELEMENT	RESULT	ACTION LIMIT	LOD	UNIT
Lead	Pass	0.50	0.050	µg/g
Arsenic	Pass	1.5	0.050	µg/g
Mercury	Pass	3.0	0.005	µg/g
Cadmium	Pass	0.50	0.050	µg/g

Comments:

None.

Authorization



Digitally signed by YoungChul Park
DN: cn=YoungChul Park, o=Americanna
Laboratories, LLC, ou=Cannabis Division,
email=ypark@americannalab.com, c=US
Date: 2020.09.02 14:21:48 -0400'

YoungChul Park, Ph.D., Laboratory Director

Approval Date: 2-Sep-2020

Test results are based solely upon the test article submitted to Americanna Laboratories, LLC in the condition it was received. Americanna Laboratories, LLC warrants that all analytical work was conducted in a professional manner in accordance with the requirements of ISO/IEC 17025:2017, such as comparison to Certified Reference Materials and NIST traceable Reference Standards. This report shall not be reproduced, except in its entirety, without the written approval of Americanna Laboratories, LLC. Test results are confidential unless explicitly waived. Void after 1 year from test end date.

NA=Not Available or Applicable, ND=Not Detected, NT=Not Tested, ppm=Parts Per Million, ppb=Parts Per Billion. Limit of Detection (LOD) and Limit of Quantitation (LOQ) are terms used to describe the smallest concentration that can be reliably measured by an analytical procedure.

- continued -

Naturefine Plus - 3oz Roll-on 1000mg (EC-20018)



The Emerald Corp

48 Mall Drive
Commack, New York 11725
theemeraldcorp.com



Order ID#:	20200813-95	Lab Code#:	LC-20200813-191
Product Type:	Tincture	Sample date:	13-Aug-2020
Unit size (mL)*:	88.72	Sample received:	21-Aug-2020
Lot Number:	NA	Completed:	2-Sep-2020
Batch Number:	EC-20018	Report expires:	2-Sep-2021

PESTICIDES

Analysis Batch: WO-20082407
Analysis Date: Tuesday, August 25, 2020

Test Method: SOP 6.7
Instrument: Agilent LC-MS/MS, Instrument 32

Analyte	Action Level	Result (µg/g)
Abamectin	0.30	Pass
Acephate	3.00	Pass
Acequinocyl	2.00	Pass
Acetamiprid	3.00	Pass
Aldicarb	0.10	Pass
Azoxystrobin	3.00	Pass
Bifenazate	3.00	Pass
Carbaryl	0.50	Pass
Carbofuran	0.10	Pass
Chlorantraniliprole	3.00	Pass
Chlorfenapyr	0.05	Pass
Chlorpyrifos	0.10	Pass
Coumaphos	0.10	Pass
Cypermethrin	1.00	Pass
Daminozide	0.10	Pass
Diazinon	0.20	Pass
Dichlorvos	0.10	Pass
Dimethoate	0.10	Pass
Dimethomorph (I/II)	3.00	Pass
Ethoprophos	0.10	Pass
Etofenprox	0.10	Pass
Etoxazole	1.50	Pass
Fenhexamid	3.00	Pass
Fenoxycarb	0.10	Pass
Fenpyroximate	2.00	Pass
Fipronil	0.10	Pass
Flonicamid	2.00	Pass
Fludioxonil	3.00	Pass

Analyte	Action Level	Result (µg/g)
Hexythiazox	2.00	Pass
Imazalil	0.10	Pass
Imidacloprid	1.00	Pass
Kresoxim methyl	1.00	Pass
Malathion	3.00	Pass
Metalaxyl	0.10	Pass
Methiocarb	0.10	Pass
Methomyl	0.10	Pass
Mevinphos (I/II)	0.10	Pass
Myclobutanil	3.00	Pass
Naled	0.50	Pass
Oxamyl	1.50	Pass
Phosmet	0.20	Pass
Piperonyl butoxide	3.00	Pass
Prallethrin	0.40	Pass
Propiconazole	1.00	Pass
Propoxur	2.10	Pass
Pyrethrins	1.00	Pass
Pyridaben	3.00	Pass
Spinetoram (J/L)	3.00	Pass
Spinosad A + D	3.00	Pass
Spiromesifen	3.00	Pass
Spirotetramat	3.00	Pass
Spiroxamine (I/II)	0.10	Pass
Tebuconazole	1.00	Pass
Thiacloprid	0.10	Pass
Thiamethoxam	1.00	Pass
Trifloxystrobin	3.00	Pass

Comments:

None.

Authorization



Digitally signed by YoungChul Park
DN: cn=YoungChul Park, o=Americanna
Laboratories, LLC, ou=Cannabis
Division,
email=ypark@americannalab.com, c=US
Date: 2020.09.02 14:22:14 -0400'

YoungChul Park, Ph.D., Laboratory Director

Approval Date: 2-Sep-2020

Test results are based solely upon the test article submitted to Americanna Laboratories, LLC in the condition it was received. Americanna Laboratories, LLC warrants that all analytical work was conducted in a professional manner in accordance with the requirements of ISO/IEC 17025:2017, such as comparison to Certified Reference Materials and NIST traceable Reference Standards. This report shall not be reproduced, except in its entirety, without the written approval of Americanna Laboratories, LLC. Test results are confidential unless explicitly waived. Void after 1 year from test end date.

NA=Not Available or Applicable, ND=Not Detected, NT=Not Tested, ppm=Parts Per Million, ppb=Parts Per Billion. Limit of Detection (LOD) and Limit of Quantitation (LOQ) are terms used to describe the smallest concentration that can be reliably measured by an analytical procedure.

- continued -

Naturefine Plus - 3oz Roll-on 1000mg (EC-20018)



The Emerald Corp

48 Mall Drive
Commack, New York 11725
theemeraldcorp.com



Order ID#: 20200813-95

Product Type: Tincture

Unit size (mL)*: 88.72

Lot Number: NA

Batch Number: EC-20018

Lab Code#: LC-20200813-191

Sample date: 13-Aug-2020

Sample received: 21-Aug-2020

Completed: 2-Sep-2020

Report expires: 2-Sep-2021

RESIDUAL SOLVENTS

Analysis Batch: WO-20082509
Analysis Date: Wednesday, August 26, 2020

Test Method: SOP 6.8
Instrument: Agilent GC-FID/MS, Instrument 36

Analyte	Action Level	Result (µg/g)
1,2-Dichloroethane	5	Pass
Acetone	5000	Pass
Acetonitrile	410	Pass
Benzene	2	Pass
Butane	2000	Pass
Chloroform	60	Pass
Ethanol	5000	Pass
Ethyl Acetate	5000	Pass
Ethyl Ether	5000	Pass
Ethylene Oxide	5	Pass

Analyte	Action Level	Result (µg/g)
Heptane	5000	Pass
Hexane	290	Pass
Isopropyl Alcohol	500	Pass
Methanol	3000	Pass
Methylene Chloride	600	Pass
Pentane	5000	Pass
Propane	2100	Pass
Toluene	890	Pass
Trichloroethylene	80	Pass
Xylenes, Total	2170	Pass

Comments:

None.

Authorization



YoungChul Park
Digitally signed by YoungChul Park
DN: cn=YoungChul Park, o=Americanna
Laboratories, LLC, ou=Cannabis Division,
email=ypark@americannalab.com, c=US
Date: 2020.09.02 14:22:58 -04'00'

YoungChul Park, Ph.D., Laboratory Director

Approval Date: 2-Sep-2020

Test results are based solely upon the test article submitted to Americanna Laboratories, LLC in the condition it was received. Americanna Laboratories, LLC warrants that all analytical work was conducted in a professional manner in accordance with the requirements of ISO/IEC 17025:2017, such as comparison to Certified Reference Materials and NIST traceable Reference Standards. This report shall not be reproduced, except in its entirety, without the written approval of Americanna Laboratories, LLC. Test results are confidential unless explicitly waived. Void after 1 year from test end date.

NA=Not Available or Applicable, ND=Not Detected, NT=Not Tested, ppm=Parts Per Million, ppb=Parts Per Billion. Limit of Detection (LOD) and Limit of Quantitation (LOQ) are terms used to describe the smallest concentration that can be reliably measured by an analytical procedure.

- end of report -