Naturals Spearmint 1500mg

Sample ID: 2009NIVA0253.0653 Strain: Spearmint 1500mg Matrix: Ingestible

Type: Tincture Sample Size: ; Batch Size: Produced: Collected:

Received: 09/14/2020

Completed: 09/22/2020 Batch#: 1524BB0822

Client

Koi CBD Lic.#

14631 Best Ave

Norwalk, CA 90650



Pass

Foreign Matter

Pass

Microbials

Pass

Heavy Metals

Pass

Solvents

Not Tested

Moisture

Pass

Overall Status: Pass

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Pesticides

Pass

0.48 aw

Water Activity

Pass

Mycotoxins

Cannabinoids (SOPTS.4.100 HPLC Analysis)

ND ND **Total THC**

2.70%

25.82 mg/mL

Total CBD

2.95%

28.29 mg/mL

Total Cannabinoids

NT

Moisture

Analyte	LOD	LOQ	Mass	Mass	Mass	Mass	
	mg/g	mg/g	mg/mL	%	mg/serving	mg/package	
CBD	0.2400	0.8000	25.82	2.70	25.81	1548.60	
CBG	0.2400	0.8000	1.68	0.18	1.68	100.56	
CBC	0.2400	0.8000	0.80	0.08	0.79	47.69	
CBN	0.2400	0.8000	<loq< th=""><th><loq< th=""><th><loq< th=""><th><loq< th=""><th></th></loq<></th></loq<></th></loq<></th></loq<>	<loq< th=""><th><loq< th=""><th><loq< th=""><th></th></loq<></th></loq<></th></loq<>	<loq< th=""><th><loq< th=""><th></th></loq<></th></loq<>	<loq< th=""><th></th></loq<>	
CBDa	0.2400	0.8000	ND	ND	ND	ND	
CBDV	0.2400	0.8000	ND	ND	ND	ND	
CBGa	0.2400	0.8000	ND	ND	ND	ND	
THCa	0.2400	0.8000	ND	ND	ND	ND	
THCV	0.2400	0.8000	ND	ND	ND	ND	
Δ8-ΤΗС	0.2400	0.8000	ND	ND	ND	ND	
Δ9-ΤΗС	0.2400	0.8000	ND	ND	ND	ND	
Total THC			ND	ND	ND	ND	
Total CBD			25.82	2.695	25.81	1548.60	
Total				2.953	28.28	1696.85	

Density: 0.958g per 1 mL

Cannabinoids Date Tested: 09/15/2020

Total THC = (THCa x 0.877) + Δ9-THC; Total CBD = (CBDa x 0.877) + CBD; LOD = Limit of Detection; LOQ = Limit of Quantitation; ND = Not Detected; NT = Not Tested; Cured plant material reported as moisture-corrected % dry weight, other sample types reported "as is." Unless otherwise stated, all quality control samples performed within specifications established by the Laboratory. Analytical Instrumentation: Agilent 1260 HPLC.

Water Activity Analytical Instrumentation: Rotronic HCW HC2-AW-USB Water Activity Meter. Water Activity Analysis Date: 09/22/2020

Foreign Material Analytical Instrumentation: Illuminated Magnifying Lens. Foreign Material Analysis Date: 09/18/2020







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Lab Director 09/22/2020

Attest all LQC samples performed and met in accordance with 16 CCR sec. 5730. This product has been tested by Niva Labs using valid testing methodologies and a quality system as required by state law. Values reported relate only to the product tested. Niva Labs makes no claims as to the efficacy, safety or other risks associated with any detected or non-detected levels of any compounds reported herein. This Certificate shall not be reproduced except in full, without the written approval of Niva Labs. Please contact The Niva Labs for information about measurement uncertainty. Please contact The Niva Labs for information about measurement uncertainty

Overall Status: Pass

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Naturals Spearmint 1500mg

Sample ID: 2009NIVA0253.0653 Strain: Spearmint 1500mg Matrix: Ingestible

Type: Tincture Sample Size: ; Batch Size: Produced: Collected:

Received: 09/14/2020

Completed: 09/22/2020 Batch#: 1524BB0822

Client

Koi CBD

Lic.# 14631 Best Ave Norwalk, CA 90650

Microbials Pass

Analyte Result CFU/g

Aspergillus flavus Aspergillus fumigatus Aspergillus niger Aspergillus terreus Shiga toxin-producing E. Coli Salmonella SPP

Not Detected in 1g Not Detected in 1g Not Detected in 1g Not Detected in 1g Not Detected in 1g

Not Detected in 1g

Date Tested: 09/21/2020

LOD = Limit of Detection; LOQ = Limit of Quantitation; ND = Not Detected; NT = Not Tested;
Unless otherwise stated, all quality control samples performed within specifications established by the Laboratory. Analytical Instrumentation: PathogenDx (PCR)





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Overall Status: Pass

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Naturals Spearmint 1500mg

Sample ID: 2009NIVA0253.0653 Strain: Spearmint 1500mg Matrix: Ingestible

Type: Tincture Sample Size: ; Batch Size:

Mvcotoxins

Produced: Collected:

Received: 09/14/2020 Completed: 09/22/2020

Batch#: 1524BB0822

Client

Koi CBD

Lic.#

14631 Best Ave Norwalk, CA 90650

Pass

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Analyte	LOD	LOQ	Limit	Mass	Status
	µg/kg	µg/kg	µg/kg	μg/kg	
B1	4.00	5.00		ND	Tested
B2	4.00	5.00		ND	Tested
G1	4.00	5.00		ND	Tested
G2	4.00	5.00		ND	Tested
Ochratoxin A	16	20	20.00	ND	Pass
Total Aflatoxins			20.00	ND	Pass



Date Tested: 09/22/2020 LOD = Limit of Detection; LOQ = Limit of Quantitation; ND = Not Detected; NT = Not Tested; Unless otherwise stated, all quality control samples performed within specifications established by the Laboratory. Analytical Instrumentation: Agilent 6470A LC-MS







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Overall Status: Pass

Naturals Spearmint 1500mg

Sample ID: 2009NIVA0253.0653 Strain: Spearmint 1500mg Matrix: Ingestible

Type: Tincture Sample Size: ; Batch Size:

Produced:

Collected: Received: 09/14/2020

Completed: 09/22/2020 Batch#: 1524BB0822 Client

Koi CBD

Lic.#

14631 Best Ave Norwalk, CA 90650

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Heavy Metals					Pass
Analyte	LOD	LOQ	Limit	Mass	Status
·	/~	/~	/~	/~	

	μg/g	μg/g	µg/g	μg/g	
Arsenic	0.009	0.090	1.500	ND	Pass
Cadmium	0.009	0.090	0.500	<loq< th=""><th>Pass</th></loq<>	Pass
Lead	0.009	0.090	0.500	ND	Pass
Mercury	0.005	0.020	3.000	ND	Pass



Date Tested: 09/22/2020

LOD = Limit of Detection; LOQ = Limit of Quantitation; ND = Not Detected; NT = Not Tested;
Unless otherwise stated, all quality control samples performed within specifications established by the Laboratory. Analytical Instrumentation: Agilent 7900 ICP-MS







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Overall Status: Pass

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Naturals Spearmint 1500mg

 Sample ID: 2009NIVA0253.0653
 Produced:
 Client

 Strain: Spearmint 1500mg
 Collected:
 Koi CBD

 Matrix: Ingestible
 Received: 09/14/2020
 Lic. #

 Type: Tincture
 Completed: 09/22/2020
 14/631 B

Type: Tincture Completed: 09/22/2020 14631 Best Ave Sample Size: ; Batch Size: Batch#: 1524BB0822 Norwalk, CA 90650

Pesticides Pass

Analyte	LOD	LOQ	Limit	Mass	Status	Analyte	LOD	LOQ	Limit	Mass	Status
' <u> </u>	µg/g	µg/g	µg/g	μg/g			µg/g	µg/g	µg/g	μg/g	<u></u>
Abamectin	0.040	0.050	0.30	ND	Pass	Fludioxonil	0.040	0.050	30.00	ND	Pass
Acephate	0.050	0.100	5.00	ND	Pass	Hexythiazox	0.010	0.020	2.00	ND	Pass
Acequinocyl	0.040	0.050	4.00	ND	Pass	lmazalil	0.040	0.050	0.04	ND	Pass
Acetamiprid	0.010	0.020	5.00	ND	Pass	Imidacloprid	0.010	0.020	3.00	ND	Pass
Aldicarb	0.010	0.020	0.01	ND	Pass	Kresoxim Methyl	0.020	0.050	1.00	ND	Pass
Azoxystrobin	0.010	0.020	40.00	ND	Pass	Malathion	0.010	0.020	5.00	ND	Pass
Bifenazate	0.010	0.020	5.00	ND	Pass	Metalaxyl	0.010	0.020	15.00	ND	Pass
Bifenthrin	0.010	0.020	0.50	ND	Pass	Methiocarb	0.010	0.020	0.01	ND	Pass
Boscalid	0.040	0.050	10.00	ND	Pass	Methomyl	0.010	0.020	0.10	ND	Pass
Captan	0.100	0.100	5.00	ND	Pass	Mevinphos	0.018	0.045	0.02	ND	Pass
Carbaryl	0.020	0.050	0.50	ND	Pass	Myclobutanil	0.040	0.050	9.00	ND	Pass
Carbofuran	0.010	0.020	0.01	ND	Pass	Naled	0.040	0.050	0.50	ND	Pass
Chlorantraniliprole	0.040	0.050	40.00	ND	Pass	Oxamyl	0.010	0.020	0.20	ND	Pass
Chlordane	0.030	0.050	0.03	ND	Pass	Paclobutrazol	0.040	0.050	0.04	ND	Pass
Chlorfenapyr	0.030	0.050	0.03	ND	Pass	Parathion Methyl	0.030	0.050	0.03	ND	Pass
Chlorpyrifos	0.020	0.050	0.02	ND	Pass	Pentachloronitrobenzene	0.030	0.050	0.20	ND	Pass
Clofentezine	0.010	0.020	0.50	ND	Pass	Permethrin	0.020	0.050	20.00	ND	Pass
Coumaphos	0.050	0.100	0.05	ND	Pass	Phosmet	0.010	0.020	0.20	ND	Pass
Cyfluthrin	0.050	0.100	1.00	ND	Pass	Piperonyl Butoxide	0.010	0.020	8.00	ND	Pass
Cypermethrin	0.050	0.100	1.00	ND	Pass	Prallethrin	0.040	0.050	0.40	ND	Pass
Daminozide	0.040	0.050	0.04	ND	Pass	Propiconazole	0.040	0.050	20.00	ND	Pass
Diazinon	0.010	0.020	0.20	ND	Pass	Propoxur	0.010	0.020	0.01	ND	Pass
Dichlorvos	0.050	0.100	0.05	ND	Pass	Pyrethrins	0.042	0.084	1.00	ND	Pass
Dimethoate	0.010	0.020	0.01	ND	Pass	Pyridaben	0.030	0.050	3.00	ND	Pass
Dimethomorph	0.020	0.050	20.00	ND	Pass	Spinetoram	0.041	0.061	3.00	ND	Pass
Ethoprophos	0.010	0.020	0.01	ND	Pass	Spinosad	0.019	0.048	3.00	ND	Pass
Etofenprox	0.010	0.020	0.01	ND	Pass	Spiromesifen	0.010	0.020	12.00	ND	Pass
Etoxazole	0.010	0.020	1.50	ND	Pass	Spirotetramat	0.020	0.050	13.00	ND	Pass
Fenhexamid	0.040	0.050	10.00	ND	Pass	Spiroxamine	0.010	0.020	0.01	ND	Pass
Fenoxycarb	0.010	0.020	0.01	ND	Pass	Tebuconazole	0.050	0.100	2.00	ND	Pass
Fenpyroximate	0.010	0.020	2.00	ND	Pass	Thiacloprid	0.010	0.020	0.01	ND	Pass
Fipronil	0.040	0.050	0.04	ND	Pass	Thiamethoxam	0.010	0.020	4.50	ND	Pass
Flonicamid	0.010	0.020	2.00	ND	Pass	Trifloxystrobin	0.010	0.020	30.00	ND	Pass

Date Tested: 09/22/2020

LOD = Limit of Detection; LOQ = Limit of Quantitation; ND = Not Detected; NT = Not Tested; Unless otherwise stated, all quality control samples performed within specifications established by the Laboratory. Analytical Instrumentation: Agilent 6470A LC-MS; Agilent 7010B GC-MS







Naturals Spearmint 1500mg

Overall Status: Pass

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Sample ID: 2009NIVA0253.0653

Strain: Spearmint 1500mg

Matrix: Ingestible

Type: Tincture Sample Size: ; Batch Size: Produced: Collected:

Received: 09/14/2020

Completed: 09/22/2020 Batch#: 1524BB0822

Client

Koi CBD

Lic.#

14631 Best Ave Norwalk, CA 90650

Residual Solvents

Analyte	LOD	LOQ	Limit	Mass	Status
	μg/g	µg/g	µg/g	μg/g	Pass
1,2-Dichloroethane	0.25	0.50	1.000	ND	Pass
Acetone	5.0	10	5000.000	ND	Pass
Acetonitrile	5.0	10	410.000	ND	Pass
Benzene	0.25	0.50	1.000	ND	Pass
Butane	5.0	10	5000.000	ND	Pass
Chloroform	0.25	0.50	1.000	ND	Pass
Ethanol	5.0	10	5000.000	ND	Pass
Ethyl-Acetate	5.0	10	5000.000	ND	Pass
Ethyl-Ether	5.0	10	5000.000	ND	Pass
Ethylene Oxide	0.50	1.0	1.000	ND	Pass
Heptane	5.0	10	5000.000	ND	Pass
Isopropanol	5.0	10	5000.000	ND	Pass
Methanol	5.0	10	3000.000	ND	Pass
Methylene Chloride	0.25	0.50	1.000	ND	Pass
n-Hexane	5.0	10	290.000	ND	Pass
Pentane	5.0	10	5000.000	ND	Pass
Propane	5.0	10	5000.000	ND	Pass
Toluene	5.0	10	890.000	ND	Pass
Trichloroethene	0.25	0.50	1.000	ND	Pass
Xylenes	5.0	10	2170.000	ND	Pass

Date Tested: 09/21/2020 LOD = Limit of Detection; LOQ = Limit of Quantitation; ND = Not Detected; NT = Not Tested; Unless otherwise stated, all quality control samples performed within specifications established by the Laboratory. Analytical Instrumentation: Agilent 5977B GC-MS-FID



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Overall Status: Pass

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Naturals Spearmint 1500mg

Sample ID: 2009NIVA0253.0653 Strain: Spearmint 1500mg Matrix: Ingestible

Type: Tincture Sample Size: ; Batch Size: Produced: Collected:

Received: 09/14/2020

Completed: 09/22/2020 Batch#: 1524BB0822 Client

Koi CBD Lic.#

14631 Best Ave Norwalk, CA 90650

Terpenes

Analyte	LOD	LOQ	Mass	Mass	
	mg/g	mg/g	mg/g	%	
Ocimene	0.1	0.2	0.6	0.06	
δ-Limonene	0.1	0.2	0.4	0.04	
α-Bisabolol	0.1	0.2	<loq< th=""><th><loq< th=""><th></th></loq<></th></loq<>	<loq< th=""><th></th></loq<>	
α-Humulene	0.1	0.2	ND	ND	
α-Pinene	0.1	0.2	ND	ND	
α-Terpinene	0.1	0.2	ND	ND	
β-Caryophyllene	0.1	0.2	<loq< th=""><th><loq< th=""><th></th></loq<></th></loq<>	<loq< th=""><th></th></loq<>	
β-Myrcene	0.1	0.2	ND	ND	
β-Pinene	0.1	0.2	ND	ND	
Camphene	0.1	0.2	ND	ND	
Caryophyllene Oxide	0.1	0.2	ND	ND	
cis-Nerolidol	0.1	0.2	ND	ND	
δ-3-Carene	0.1	0.2	ND	ND	
Eucalyptol	0.1	0.2	ND	ND	
y-Terpinene	0.1	0.2	ND	ND	
Guaiol	0.1	0.2	ND	ND	
Isopulegol	0.1	0.2	ND	ND	
Linalool	0.1	0.2	ND	ND	
p-Cymene	0.1	0.2	ND	ND	
Terpinolene	0.1	0.2	ND	ND	
trans-Nerolidol	0.1	0.2	ND	ND	
Total			1.0	0.10	

Primary Aromas











Date Tested: 09/22/2020

LOD = Limit of Detection; LOQ = Limit of Quantitation; ND = Not Detected; NT = Not Tested; Unless otherwise stated, all quality control samples performed within specications established by the Laboratory. Analytical Instrumentation: Agilent 5977B HS-GC-MS; SOP.TS.4.200"





