

(213) 225-6486 thenivalabs.com/ Lic# C8-0000024-LIC

1 of 7

Overall Status: Pass

Sample ID: 2009NIVA0253.0654 Strain: Orange 3000mg Matrix: Ingestible Type: Tincture Sample Size: ; Batch Size:

Naturals Orange 3000mg

Produced: Collected: Received: 09/14/2020 Completed: 09/22/2020 Batch#: 1526BB0822

Client Koi CBD Lic.# 14631 Best Ave Norwalk, CA 90650

	Pass Foreign Matter SORTS.4.001	Pass Heavy Metals	Not Tested Moisture SORTS.4.001	Pass Pesticides SOPTS.4.301 GC-MS/MS SOPTS.4.300 LC-MS/MS	
A State State	Pass Microbials SORTS.4.600 PathogenDx	Pass Solvents SORTS.4.400 GC-MS	Pass 0.41 aw Water Activity SORTS.4.003	Pass Mycotoxins SORTS.4.300 LC-MS/MS	

Cannabinoids (SOPTS. 4.100 HPLC Analysis)

То	ND ND Total THC		5.57% 53.20 mg/mL Total CBD		6.25% 59.66 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	53.20	5.57	53.20	3192.18	
CBG	0.2400	0.8000	3.42	0.36	3.42	205.13	
СВС	0.2400	0.8000	1.68	0.18	1.68	100.85	
CBN	0.2400	0.8000	1.36	0.14	1.36	81.37	1 () () () () () () () () () (
CBDa	0.2400	0.8000	ND	ND	ND	ND	
CBDV	0.2400	0.8000	<loq< td=""><td><loq< td=""><td><loq< td=""><td><loq< td=""><td></td></loq<></td></loq<></td></loq<></td></loq<>	<loq< td=""><td><loq< td=""><td><loq< td=""><td></td></loq<></td></loq<></td></loq<>	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
CBGa	0.2400	0.8000	ND	ND	ND	ND	
THCa	0.2400	0.8000	ND	ND	ND	ND	
тнси	0.2400	0.8000	ND	ND	ND	ND	
∆8-THC	0.2400	0.8000	ND	ND	ND	ND	
∆9-THC	0.2400	0.8000	ND	ND	ND	ND	
Total THC			ND	ND	ND	ND	
Total CBD			53.20	5.571	53.20	3192.18	
Total				6.247	59.66	3579.53	

Density: 0.955g 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



Produced:

Collected:

Received:09/14/2020

Batch#: 1526BB0822

Completed: 09/22/2020

Naturals Orange 3000mg

Sample ID: 2009NIVA0253.0654
Strain: Orange 3000mg
Matrix: Ingestible
Type: Tincture
Sample Size: ; Batch Size:

Microbials

Analyte

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Overall Status: Pass

Client Koi CBD Lic.# 14631 Best Ave

Norwalk, CA 90650

Pass

e	Result
	CFU/g
zillus flavus	Not Detected in 1g
zillus fumigatus	Not Detected in 1g
zillus niger	Not Detected in 1g
zillus terreus	Not Detected in 1g
oxin-producing E. Coli	Not Detected in 1g
nella SPP	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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Kris Marsh Lab Director



Naturals Orange 3000mg

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Overall Status: Pass

Sample ID: 2009NIVA0253.0654 Strain: Orange 3000mg	Produced: Collected:	Client Koi CBD	
Matrix: Ingestible	Received: 09/14/2020	Lic. #	
Type: Tincture	Completed: 09/22/2020	14631 Best Ave	
Sample Size: ; Batch Size:	Batch#: 1526BB0822	Norwalk, CA 90650	

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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	6		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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Naturals Orange 3000mg

Overall Status: Pass

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Pass

Sample ID: 2009NIVA0253.0654	Produced:	Client
Strain: Orange 3000mg	Collected:	Koi CBD
Matrix: Ingestible	Received: 09/14/2020	Lic. #
Type: Tincture	Completed: 09/22/2020	14631 Best Ave
Sample Size: ; Batch Size:	Batch#: 1526BB0822	Norwalk, CA 90650

Heavy Metals

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

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Kris Marsh Lab Director



Naturals Orange 3000mg

0		
Produced:	Client	
Collected:	Koi CBD	
Received: 09/14/2020	Lic. #	
Completed: 09/22/2020	14631 Best Ave	
Batch#: 1526BB0822	Norwalk, CA 90650	
	Collected: Received: 09/14/2020 Completed: 09/22/2020	Collected: Koi CBD Received: 09/14/2020 Lic. # Completed: 09/22/2020 14631 Best Ave

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Lic# C8-0000024-LIC

Pesticides

Analyte	LOD	LOQ	Limit	Mass	Status	Analyte	LOD	LOQ	Limit	Mass	Status
	µg/g	µg/g	µg/g	µg/g			µg/g	µg/g	µg/g	µg/g	
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	Imazalil	0.040	0.050	200.00	0.21	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	0.03	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

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Regulatory Compliance Testing

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Pass

Overall Status: Pass

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Lab Director



Naturals Orange 3000mg

The Niva Labs 13171 Telfair Ave Sylmar, CA 91342 (213) 225-6486 thenivalabs.com/ Lic# C8-0000024-LIC

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Overall Status: Pass

Sample ID: 2009NIVA0253.0654	Produced:	Client
Strain: Orange 3000mg	Collected:	Koi CBD
Matrix: Ingestible	Received: 09/14/2020	Lic. #
Type: Tincture	Completed: 09/22/2020	14631 Best Ave
Sample Size: ; Batch Size:	Batch#: 1526BB0822	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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Lab Director



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Overall Status: Pass

Naturals Orange 3000mg

Sample ID: 2009NIVA0253.0654	Produced:	Client
Strain: Orange 3000mg	Collected:	Koi CBD
Matrix: Ingestible	Received: 09/14/2020	Lic. #
Type: Tincture	Completed: 09/22/2020	14631 Best Ave
Sample Size: ; Batch Size:	Batch#: 1526BB0822	Norwalk, CA 90650

Terpenes

Analyte	LOD	LOQ	Mass	Mass	
-15	mg/g	mg/g	mg/g	%	
Ocimene	0.1	0.2	3.0	0.30	
5-Limonene	0.1	0.2	2.1	0.21	
r-Bisabolol	0.1	0.2	0.3	0.03	
-Humulene	0.1	0.2	ND	ND	
r-Pinene	0.1	0.2	ND	ND	
r-Terpinene	0.1	0.2	ND	ND	
-Caryophyllene	0.1	0.2	ND	ND	
-Myrcene	0.1	0.2	ND	ND	
-Pinene	0.1	0.2	ND	ND	
Camphene	0.1	0.2	ND	ND	
Caryophyllene Oxide	0.1	0.2	ND	ND	
is-Nerolidol	0.1	0.2	ND	ND	
-3-Carene	0.1	0.2	ND	ND	
ucalyptol	0.1	0.2	ND	ND	
-Terpinene	0.1	0.2	ND	ND	
Guaiol	0.1	0.2	ND	ND	
sopulegol	0.1	0.2	ND	ND	
inalool	0.1	0.2	ND	ND	
o-Cymene	0.1	0.2	ND	ND	
erpinolene	0.1	0.2	ND	ND	
rans-Nerolidol	0.1	0.2	ND	ND	
Total			5.4	0.54	



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; SOPTS.4.200"



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Kris Marsh Lab Director