

PharmLabs Dallas LLC Certificate of Analysis

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 ISO/IEC 17025:2017 Certification L20-89-5 | Accreditation #85368



Sample **Fortified OG**

Sample ID TX210311-036 (1124)	Matrix Flower
Sampled -	Received Mar 11, 2021
Analyses executed CAN, RES	Reported Mar 12, 2021

**\*CAN - Cannabinoid Profile Analysis**

Analyzed Mar 12, 2021 | Instrument HPLC-DAD | Method WI-32  
 Measurement Uncertainty at 95% confidence 10.0%

Analyte	LOD	LOQ	Result %	Result mg/g
Cannabidivarinic acid (CBDVa)	2.0e-06	5.0e-06	ND	ND
Cannabidivarin (CBDV)	3.0e-06	1.0e-05	ND	ND
Cannabidiolic acid (CBDa)	3.0e-06	8.0e-06	11.96	119.59
Cannabigerolic acid (CBGa)	3.0e-06	8.0e-06	0.27	2.67
Cannabigerol (CBG)	5.0e-06	1.6e-05	ND	ND
Cannabidiol (CBD)	6.0e-06	1.7e-05	0.58	5.79
Tetrahydrocannabivarin (THCV)	6.0e-06	1.7e-05	ND	ND
Tetrahydrocannabivarinic acid (THCVa)	5.0e-06	1.5e-05	0.82	8.20
Cannabinol (CBN)	3.0e-06	1.0e-05	ND	ND
Cannabinolic acid (CBNa)	8.0e-06	2.6e-05	0.08	0.77
Δ9-Tetrahydrocannabinol (Δ9-THC)	1.2e-05	3.6e-05	ND	ND
Δ8-Tetrahydrocannabinol (Δ8-THC)	1.5e-05	4.5e-05	4.56	45.58
Cannabicyclol (CBL)	1.3e-05	3.8e-05	ND	ND
Δ9-Tetrahydrocannabinolic acid (THCa)	9.0e-06	2.8e-05	0.37	3.70
Cannabichromene (CBC)	6.0e-06	1.9e-05	0.08	0.85
Cannabichromenic acid (CBCa)	2.2e-05	6.7e-05	1.07	10.72
<b>Total THC (THCa * 0.877 + THC)</b>			<b>0.32</b>	<b>3.24</b>
<b>Total CBD (CBDa * 0.877 + CBD)</b>			<b>11.07</b>	<b>110.68</b>
<b>TOTAL CANNABINOIDS</b>			<b>18.27</b>	<b>182.73</b>

\*Dry Weight %

Sample photography



ND Not Detected  
 N/A Not Applicable  
 NT Not Reported  
 LOD Limit of Detection  
 LOQ Limit of Quantification  
 <LOQ Detected  
 >ULOL Above upper limit of linearity  
 CFU/g Colony Forming Units per 1 gram  
 TNTC Too Numerous to Count



Authorized Signature  
  
 Dr. Archana R. Parameswar,  
 Laboratory Director  
 Fri, 12 Mar 2021 15:12:52 -0600




# High Hopes OG Kush

Overall Status: Pass

Sample ID: 2105NIVA0590.2019  
Strain: OG Kush  
Matrix: Plant  
Type: Flower - Cured  
Sample Size: ; Batch Size:

Produced:  
Collected: 05/12/2021  
Received: 05/12/2021  
Completed: 05/18/2021  
Batch#: 31221BB0523

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

	<p><b>Pass</b></p> <p>Foreign Matter</p> <p>SOPTS.4.001</p>	<p><b>Pass</b></p> <p>Heavy Metals</p> <p>SOPTS.4.500 ICP-MS</p>	<p><b>Complete</b></p> <p>Moisture</p> <p>SOPTS.4.001</p>	<p><b>Pass</b></p> <p>Pesticides</p> <p>SOPTS.4.301 GC-MS/MS SOPTS.4.300 LC-MS/MS</p>
	<p><b>Pass</b></p> <p>Microbials</p> <p>SOPTS.4.600 PathogenDx</p>	<p><b>Not Tested</b></p> <p>Solvents</p> <p>SOPTS.4.400 GC-MS</p>	<p><b>Pass</b></p> <p>0.51<sub>aw</sub> Water Activity</p> <p>SOPTS.4.003</p>	<p><b>Pass</b></p> <p>Mycotoxins</p> <p>SOPTS.4.300 LC-MS/MS</p>

## Cannabinoids (SOPTS.4.100 HPLC Analysis)

Total THC	Total CBD	Total Cannabinoids	6.96%	Moisture
Analyte	LOD	LOQ	Mass	Mass

Density: g per 1 mL

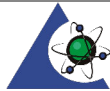
Cannabinoids Date Tested:

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:; Water Activity Date Tested: 05/13/2021

Moisture Content Analytical Instrumentation: Ohaus MB90 Moisture Balance. Moisture Content Analysis Date:; Moisture Date Tested: 05/13/2021

Foreign Material Analytical Instrumentation: Illuminated Magnifying Lens. Foreign Material Analysis Date:; Foreign Matter Date Tested: 05/17/2021



Accreditation #101219  
ISO/IEC 17025:2017



Noah Kaplan  
Lab Director  
05/18/2021

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The Niva Labs  
13171 Telfair Ave  
Sylmar, CA 91342

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Lic# C8-0000024-LIC

# High Hopes OG Kush

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## Microbials

Pass

Analyte	Result	Status
Aspergillus flavus	Not Detected in 1g	Pass
Aspergillus fumigatus	Not Detected in 1g	Pass
Aspergillus niger	Not Detected in 1g	Pass
Aspergillus terreus	Not Detected in 1g	Pass
Shiga toxin-producing E. Coli	Not Detected in 1g	Pass
Salmonella SPP	Not Detected in 1g	Pass

Date Tested: 05/14/2021

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)

## Mycotoxins

Pass

Analyte	LOD µg/kg	LOQ µg/kg	Limit µg/kg	Units µg/kg	Status
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
Total Aflatoxins			20	ND	Pass
Ochratoxin A	16	20	20	ND	Pass

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## Heavy Metals

Pass

Analyte	LOD µg/g	LOQ µg/g	Limit µg/g	Units µg/g	Status
Arsenic	0.009	0.090	0.2	0.147	Pass
Cadmium	0.009	0.090	0.2	<LOQ	Pass
Lead	0.009	0.090	0.5	0.288	Pass
Mercury	0.005	0.020	0.1	ND	Pass

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Lab Director  
05/18/2021

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QA Testing

3 of 4

# High Hopes OG Kush

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Sample Size: ; Batch Size:

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Batch#: 31221BB0523

Client  
**Koi CBD**  
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## Pesticides

Pass

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	0.1	ND	Pass	Fludioxonil	0.040	0.050	0.1	ND	Pass
Acephate	0.050	0.100	0.1	ND	Pass	Hexythiazox	0.010	0.020	0.1	ND	Pass
Acequinocyl	0.040	0.050	0.1	ND	Pass	Imazalil	0.040	0.050	0.04	ND	Pass
Acetamiprid	0.010	0.020	0.1	ND	Pass	Imidacloprid	0.010	0.020	5	ND	Pass
Aldicarb	0.010	0.020	0.01	ND	Pass	Kresoxim Methyl	0.020	0.050	0.1	ND	Pass
Azoxystrobin	0.010	0.020	0.1	ND	Pass	Malathion	0.010	0.020	0.5	ND	Pass
Bifenazate	0.010	0.020	0.1	ND	Pass	Metalaxyl	0.010	0.020	2	ND	Pass
Bifenthrin	0.010	0.020	3	ND	Pass	Methiocarb	0.010	0.020	0.01	ND	Pass
Boscalid	0.040	0.050	0.1	ND	Pass	Methomyl	0.010	0.020	1	ND	Pass
Captan	0.100	0.100	0.7	ND	Pass	Mevinphos	0.018	0.045	0.018	ND	Pass
Carbaryl	0.020	0.050	0.5	ND	Pass	Myclobutanil	0.040	0.050	0.1	ND	Pass
Carbofuran	0.010	0.020	0.01	ND	Pass	Naled	0.040	0.050	0.1	ND	Pass
Chlorantraniliprole	0.040	0.050	10	ND	Pass	Oxamyl	0.010	0.020	0.5	ND	Pass
Chlordane	0.030	0.050	0.03	ND	Pass	Pacllobutrazol	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	0.020	ND	Pass	Pentachloronitrobenzene	0.030	0.050	0.1	ND	Pass
Clofentezine	0.010	0.020	0.1	ND	Pass	Permethrin	0.020	0.050	0.5	ND	Pass
Coumaphos	0.050	0.100	0.05	ND	Pass	Phosmet	0.010	0.020	0.1	ND	Pass
Cyfluthrin	0.050	0.100	2	ND	Pass	Piperonyl Butoxide	0.010	0.020	3	ND	Pass
Cypermethrin	0.050	0.100	1	ND	Pass	Prallethrin	0.040	0.050	0.1	ND	Pass
Daminozide	0.040	0.050	0.04	ND	Pass	Propiconazole	0.040	0.050	0.1	ND	Pass
Diazinon	0.010	0.020	0.1	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	0.5	ND	Pass
Dimethoate	0.010	0.020	0.01	ND	Pass	Pyridaben	0.030	0.050	0.1	ND	Pass
Dimethomorph	0.020	0.050	2	ND	Pass	Spinetoram	0.041	0.061	0.1	ND	Pass
Ethoprophos	0.010	0.020	0.01	ND	Pass	Spinosad	0.019	0.048	0.1	ND	Pass
Etofenprox	0.010	0.020	0.01	ND	Pass	Spiromesifen	0.010	0.020	0.1	ND	Pass
Etoazole	0.010	0.020	0.1	ND	Pass	Spirotetramat	0.020	0.050	0.1	ND	Pass
Fenhexamid	0.040	0.050	0.1	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	0.1	ND	Pass
Fenpyroximate	0.010	0.020	0.1	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	5	ND	Pass
Fonicamid	0.010	0.020	0.1	ND	Pass	Trifloxystrobin	0.010	0.020	0.1	ND	Pass

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# High Hopes OG Kush











Overall Status: Pass

Sample ID: 2105NIVA0590.2019  
Strain: OG Kush  
Matrix: Plant  
Type: Flower - Cured  
Sample Size: ; Batch Size:

Produced:  
Collected: 05/12/2021  
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## Terpenes

Analyte	LOD PPB	LOQ PPB	Mass PPB	Mass mg/g	
β-Myrcene			3800000.00	3.80	
α-Pinene			2000000.00	2.00	
β-Caryophyllene			1300000.00	1.30	
β-Pinene			800000.00	0.80	
α-Humulene			400000.00	0.40	
δ-Limonene			400000.00	0.40	
Linalool			200000.00	0.20	
α-Bisabolol			100000.00	0.10	
Guaiol			100000.00	0.10	
trans-Nerolidol			100000.00	0.10	
α-Terpinene			ND	ND	
Camphene			ND	ND	
cis-Nerolidol			ND	ND	
δ-3-Carene			ND	ND	
γ-Terpinene			ND	ND	
Isopulegol			ND	ND	
Ocimene			ND	ND	
p-Cymene			ND	ND	
Terpinolene			ND	ND	
<b>Total</b>			<b>9200000.00</b>	<b>9.20</b>	

## Primary Aromas



Hops



Pine



Cinnamon



Orange



Lavender

Date Tested: 05/14/2021

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This terpenes method has not yet been evaluated for ISO/IEC 17025 accreditation.



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