The Niva Labs
13171 Telfair Ave
Sylmar, CA 91342

(213) 225-6482
thenivalabs.com/
Lic# C8-0000024-LIC

Calming Dog Treats Green Apple and Peanut Butter

Overall Status: Pass

Sample ID: 2104NIVA0374.1188
Strain: Green Apple and Peanut Butter
Matrix: Ingestible
Type: Baked Goods
Sample Size: ; Batch Size:

Produced:
Collected:
Received: 04/01/2021
Completed: 04/05/2021
Batch#: 210902

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

Pass Foreign Matter SOP.TS.4.001	**Pass** Heavy Metals SOP.TS.4.500 ICP-MS	**Not Tested** Moisture SOP.TS.4.001	**Pass** Pesticides SOP.TS.4.301 GC-MS/MS SOP.TS.4.300 LC-MS/MS
Pass Microbials SOP.TS.4.600 PathogenDx	**Pass** Solvents SOP.TS.4.400 GC-MS	**Pass** *0.16 aw* Water Activity SOP.TS.4.003	**Pass** Mycotoxins SOP.TS.4.300 LC-MS/MS

Cannabinoids (SOP.TS.4.100 HPLC Analysis)

ND	5.670 mg/serving	5.670 mg/serving	NT
ND	*170.100 mg/container*	*170.100 mg/container*	
Total THC	Total CBD	Total Cannabinoids	Moisture

Analyte	LOD	LOQ	Mass	Mass	Mass	Mass	
	mg/g	mg/g	mg/g	%	mg/serving	mg/package	
CBD	0.2400	0.8000	0.81	0.08	5.67	170.10	
CBC	0.2400	0.8000	ND	ND	ND	ND	
CBG	0.2400	0.8000	ND	ND	ND	ND	
CBN	0.2400	0.8000	ND	ND	ND	ND	
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-THC	0.2400	0.8000	ND	ND	ND	ND	
Δ9-THC	0.2400	0.8000	ND	ND	ND	ND	
Total THC			**ND**	**ND**	**ND**	**ND**	
Total CBD			**0.810**	**0.081**	**5.670**	**170.100**	
Total			**0.810**	**0.0810**	**5.670**	**170.100**	

Density: g per 1 mL
Cannabinoids Date Tested: 04/01/2021
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: 04/01/2021
; Moisture Date Tested:
Foreign Material Analytical Instrumentation: Illuminated Magnifying Lens. Foreign Material Analysis Date:; Foreign Matter Date Tested: 04/01/2021

PJLA Testing
Accreditation #101219
ISO/IEC 17025:2017

Noah Kaplan
Lab Director
04/05/2021

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

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Regulatory Compliance Testing

2 of 5

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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: 04/05/2021
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	LOQ	Limit	Units	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
Total Aflatoxins			20.00	ND	Pass
Ochratoxin A	16	20	20.00	ND	Pass

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Heavy Metals | | | | | Pass

Analyte	LOD	LOQ	Limit	Units	Status
	µg/g	µg/g	µg/g	µg/g	
Arsenic	0.009	0.090	1.500	<LOQ	Pass
Cadmium	0.009	0.090	0.500	<LOQ	Pass
Lead	0.009	0.090	0.500	ND	Pass
Mercury	0.005	0.020	3.000	ND	Pass

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PJLA
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Noah Kaplan
Lab Director
04/05/2021

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Regulatory Compliance Testing

3 of 5

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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	0.30	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	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

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Agilent 7010B GC-MS

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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

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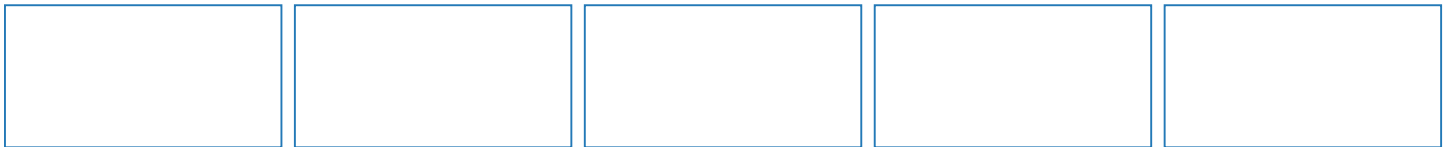Matrix: Ingestible
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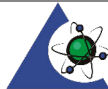Client
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Terpenes

Analyte	LOD	LOQ	Mass	Mass
	mg/g	mg/g	mg/g	%
α-Bisabolol	0.03	0.10	ND	ND
α-Humulene	0.03	0.10	ND	ND
α-Pinene	0.03	0.10	ND	ND
α-Terpinene	0.03	0.10	ND	ND
β-Caryophyllene	0.03	0.10	ND	ND
β-Myrcene	0.03	0.10	ND	ND
β-Pinene	0.03	0.10	ND	ND
Camphene	0.03	0.10	ND	ND
cis-Nerolidol	0.03	0.10	ND	ND
δ-3-Carene	0.03	0.10	ND	ND
δ-Limonene	0.03	0.10	ND	ND
Eucalyptol	0.03	0.10	ND	ND
γ-Terpinene	0.03	0.10	ND	ND
Guaiol	0.03	0.10	ND	ND
Isopulegol	0.03	0.10	ND	ND
Linalool	0.03	0.10	ND	ND
Ocimene	0.03	0.10	ND	ND
p-Cymene	0.03	0.10	ND	ND
Terpinolene	0.03	0.10	ND	ND
trans-Nerolidol	0.03	0.10	ND	ND
Total			**0.00**	**0**

Primary Aromas

Date Tested: 04/02/2021
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This terpenes method has not yet been evaluated for ISO/IEC 17025 accreditation.

PJLA
Testing
Accreditation #101219
ISO/IEC 17025:2017

Noah Kaplan
Lab Director
04/05/2021

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