

Labstat

Nano D9 & CBD Gummy, 10 & 5 mg, Orange

Matrix: Infused Product



Certificate of Analysis

Sample: KN40213005-003

Harvest/Lot ID: 24A022 Batch#: 24A022

Batch Date: 01/31/24

Sample Size Received: 15 gram

Retail Product Size: 5 gram Ordered: 02/08/24

> Sampled: 02/08/24 Completed: 02/21/24

Page 1 of 5

Feb 21, 2024 | Asterra Labs

800 Cooke Rd. Nashville, NC, 27856, US

XASTERRALobs

PRODUCT IMAGE

SAFETY RESULTS



Pesticides

Total THC



Heavy Metals







Residuals Solvents





Water Activity



Moisture



NOT TESTED

PASSED



Potency

0.191%Total THC/Gummy: 9.55 mg





Total Cannabinoids

Total Cannabinoids/Gummy: 13.16 mg

	CBDVA	CBDV	CBDA	CBGA	CBG	CBD	D9-THCV	D8-THCV	CBN	D9-THC	D8-THC	D10-THC	СВС	THCA
%	ND	ND	ND	ND	<0.01	0.0722	ND	ND	<0.01	0.191	<0.01	ND	ND	ND
mg/g	ND	ND	ND	ND	<0.1	0.722	ND	ND	<0.1	1.91	<0.1	ND	ND	ND
LOD	0.001	0.001	0.001	0.001	0.001	0,001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
	%	%	%	%	%	%	%	%	%	%	%	%	%	%

Extraction date 02/13/24 15:23:59

Analysis Method: SOP.T.30.031.TN & SOP.T.40.031.TN Expanded Measurement of Uncertainty: Flower Matrix d9-THC: ± 0.100, THCa: ± 0.124, TOTAL THC ± 0.112. These uncertainties represent an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor k=2 for a normal distribution

Analytical Batch : KN004535POT

Instrument Used : E-SHI-008 Reviewed On: 02/14/24 11:36:40 Batch Date: 02/13/24 09:07:29

Running on : N/A

Dilution: N/A
Reagent: 121823.01; 100422.02; 010824.04; 012624.R04; 020724.R03; 110323.04
Consumables: 302110210; 22/04/01; 21332M0; 3254282; 251760; 201123-058; 260148; 230415059D; 1008702218; 947.100; GD220016; 1350331; 6121219; n/a; IV250.100; B096761495
Pipette: E-EPP-081; E-VWR-119; E-VWR-120; E-VWR-121

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Sue Ferguson

Lab Director

State License # n/a ISO Accreditation # 17025:2017



02/21/24

Signed On Signature



Labstat

Nano D9 & CBD Gummy, 10 & 5 mg, Orange

Matrix: Infused Product



Certificate of Analysis

PASSED

PASSED

Asterra Labs

800 Cooke Rd. Nashville, NC, 27856, US Telephone: (252) 702-1537 Email: ron.rogers@asterralabs.com Sample: KN40213005-003 Harvest/Lot ID: 24A022 Batch#: 24A022

Sampled: 02/08/24 Ordered: 02/08/24

Sample Size Received: 15 gram

Completed: 02/21/24 Expires: 02/21/25

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Pest	icid	es	

Pesticide	LOD	Units	Action Level	Pass/Fail	Result
ABAMECTIN B1A	0.012	ppm	0.1	PASS	ND
ACEPHATE	0.008	ppm	0.1	PASS	ND
ACEQUINOCYL	0.038	ppm	0.1	PASS	ND
ACETAMIPRID	0.009	ppm	0.1	PASS	ND
ALDICARB	0.009	ppm	0.1	PASS	ND
AZOXYSTROBIN	0.013	ppm	0.1	PASS	< 0.05
BIFENAZATE	0.028	ppm	0.1	PASS	ND
BIFENTHRIN	0.047	ppm	0.1	PASS	ND
BOSCALID	0.007	ppm	0.1	PASS	ND
CARBARYL	0.015		0.5	PASS	ND
CARBOFURAN	0.008	ppm	0.1	PASS	ND
CHLORANTRANILIPROLE	0.012	ppm	3	PASS	ND
CHLORMEQUAT CHLORIDE	0.008	ppm	1	PASS	ND
CHLORPYRIFOS	0.014	ppm	0.1	PASS	ND
CLOFENTEZINE	0.006	ppm	0.2	PASS	ND
COUMAPHOS	0.009	ppm	0.1	PASS	ND
CYPERMETHRIN	0.01	ppm	1	PASS	ND
DAMINOZIDE	0.006	ppm	0.1	PASS	ND
DIAZANON	0.006	ppm	0.1	PASS	ND
DICHLORVOS	0.014	ppm	0.1	PASS	ND
DIMETHOATE	0.009	ppm	0.1	PASS	ND
DIMETHOMORPH	0.009	ppm	0.2	PASS	ND
ETHOPROPHOS	0.007	ppm	0.1	PASS	ND
ETOFENPROX	0.009	ppm	0.1	PASS	ND
ETOXAZOLE	0.007	ppm	0.1	PASS	ND
FENHEXAMID	0.005	ppm	0.1	PASS	ND
FENOXYCARB	0.007	ppm	0.1	PASS	ND
FENPYROXIMATE	0.006	ppm	0.1	PASS	ND
FIPRONIL	0.008	ppm	0.1	PASS	ND
FLONICAMID	0.014	ppm	0.1	PASS	ND
FLUDIOXONIL	0.011	ppm	0.1	PASS	0.054
HEXYTHIAZOX	0.009	ppm	0.1	PASS	ND
IMAZALIL	0.01	ppm	1.2	PASS	0.4548
IMIDACLOPRID	0.005	ppm	0.4	PASS	ND
KRESOXIM-METHYL	0.01	ppm	0.1	PASS	ND
MALATHION	0.009	ppm	0.2	PASS	ND
METALAXYL	0.008	ppm	0.1	PASS	ND
METHIOCARB	0.008	ppm	0.1	PASS	ND
METHOMYL	0.009	ppm	0.1	PASS	ND
MEVINPHOS	0.001	ppm	0.1	PASS	ND
MYCLOBUTANIL	0.006		0.007	PASS	ND
NALED	0.023	ppm	0.25	PASS	ND
OXAMYL	0.009	ppm	0.5	PASS	ND
PACLOBUTRAZOL	0.007		0.1	PASS	ND
PERMETHRINS	0.008	ppm	0.1	PASS	ND
PHOSMET	0.009	ppm	0.1	PASS	ND

Pesticide	THI	LOD	Units	Action Level	Pass/Fail	Result
PIPERONYL BUTOXIDE		0.006	ppm	3	PASS	ND
PRALLETHRIN		0.008	ppm	0.1	PASS	ND
PROPICONAZOLE		0.007	ppm	0.1	PASS	ND
PROPOXUR		0.008	ppm	0.1	PASS	ND
PYRETHRINS		0.002	ppm	0.5	PASS	ND
PYRIDABEN		0.007	ppm	3	PASS	ND
SPINETORAM		0.004	ppm	0.2	PASS	ND
SPIROMESIFEN		0.009	ppm	0.1	PASS	ND
SPIROTETRAMAT		0.009	ppm	0.1	PASS	ND
SPIROXAMINE		0.006	ppm	0.1	PASS	ND
TEBUCONAZOLE		0.009	ppm	0.1	PASS	ND
THIACLOPRID		0.008	ppm	0.1	PASS	ND
THIAMETHOXAM		0.009	ppm	0.5	PASS	ND
TOTAL SPINOSAD		0.009	ppm	0.1	PASS	ND
TRIFLOXYSTROBIN		0.009	ppm	0.1	PASS	ND
Analyzed by:	Weight	Evtraction	date:		Evtracted	by

Analysis Method :SOP.T.30.101.TN, SOP.T.40.101.TN Analytical Batch : KN004560PES Instrument Used : E-SHI-125 Running on : N/A Dilution : N/A

Enduon: RVA
Reagent: 013024.R03; 021324.R01; 013024.R02; 013024.R01; 011224.R14; 010224.R01; 102323.R25; 122023.01; 012624.05

012624.05 **Consumables :** 302110210; 264830; 22/04/01; 3254282; B9291.100; 01422036; 251760; 260148; 230713634D;

Reviewed On: 02/21/24 13:01:20

1008702218; 947.100; 1350331; H110738-34

Pipette: E-EPP-080; E-EPP-081; E-EPP-082; E-VWR-116; E-VWR-117; E-VWR-118; E-VWR-119

Testing for agricultural agents is performed utilizing Liquid Chromatography with Triple-Quadrupole Mass Spectrometry. *Based on FL action limits and Title 40 Chapter | Subchapter E Part 180 Subpart C § 180.413

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Sue Ferguson

Lab Director

State License # n/a ISO Accreditation # 17025:2017



02/21/24



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Nano D9 & CBD Gummy, 10 & 5 mg, Orange

Matrix: Infused Product



Certificate of Analysis

PASSED

Asterra Labs

800 Cooke Rd. Nashville, NC, 27856, US Telephone: (252) 702-1537 Email: ron.rogers@asterralabs.com Sample: KN40213005-003 Harvest/Lot ID: 24A022 Batch#: 24A022

Sampled: 02/08/24 Ordered: 02/08/24

Sample Size Received: 15 gram Completed: 02/21/24 Expires: 02/21/25 Page 3 of 5

Residual Solvents

D	A	C		
Г,			-	$\boldsymbol{\nu}$

Solvents		LOD	Units	Action Level	Pass/Fail	Result
PROPANE		100	ppm	5000	PASS	ND
BUTANES (N-BUTANE)		100	ppm	5000	PASS	ND
METHANOL		20	ppm	250	PASS	ND
ETHYLENE OXIDE		0.2	ppm	5	PASS	ND
PENTANES (N-PENTANE)		32	ppm	750	PASS	ND
ETHANOL		100	ppm	5000	PASS	ND
ETHYL ETHER		10	ppm	500	PASS	ND
1.1-DICHLOROETHENE		0.6	ppm	8	PASS	ND
ACETONE		40	ppm	750	PASS	ND
2-PROPANOL		25	ppm	500	PASS	ND
ACETONITRILE		20	ppm	60	PASS	ND
DICHLOROMETHANE		2	ppm	125	PASS	ND
N-HEXANE		10	ppm	250	PASS	ND
ETHYL ACETATE		11	ppm	400	PASS	ND
CHLOROFORM		0.04	ppm	2	PASS	ND
BENZENE		0.03	ppm	1 1	PASS	ND
1,2-DICHLOROETHANE		0.05	ppm	2	PASS	ND
HEPTANE		53	ppm	5000	PASS	ND
TRICHLOROETHYLENE		0.5	ppm	25	PASS	ND
TOLUENE		5	ppm	150	PASS	ND
TOTAL XYLENES - M, P & O - DIM	ETHYLBENZENE	15	ppm	150	PASS	ND
Analyzed by:	Weight:	Ex	traction date:		Ext	racted by:

02/16/24 14:00:30

Analysis Method: SOP.T.40.041.TN Analytical Batch : KN004534SOL

Instrument Used: E-SHI-106 Running on: N/A

Dilution: N/A

Reagent: N/A Consumables: G201.100; G201.167

 $Residual\ solvents\ analysis\ is\ performed\ using\ Gas\ Chromatography\ /\ Mass\ Spectrometry.\ *Based\ on\ FL\ action\ limits.$

Reviewed On: 02/16/24 14:09:37

Batch Date: 02/12/24 14:01:56

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02/21/24



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Matrix: Infused Product



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PASSED

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800 Cooke Rd. Nashville, NC, 27856, US Telephone: (252) 702-1537 Email: ron.rogers@asterralabs.com Sample: KN40213005-003 Harvest/Lot ID: 24A022 Batch# : 24A022

Sampled: 02/08/24 Ordered: 02/08/24

Sample Size Received: 15 gram Completed: 02/21/24 Expires: 02/21/25 Page 4 of 5



Microbial

PASSED



Analyte

Mycotoxins

LOD	Units	Result	Pass / Fail	Action Level	-
		Not Present	PASS		
		Not Present	PASS		5
		Not Present	PASS		
		Not Present	PASS		5
		Not Present	PASS		ŀ
		Not Present	PASS		-
10	CFU	ND	PASS	100000	2
			Not Present Not Present Not Present Not Present Not Present Not Present	Not Present PASS Not Present PASS	Not Present PASS Not Present PASS

Analyzed by: Weight: **Extraction date** Extracted by: 1.0535g 02/15/24 09:13:53

Analysis Method: SOP.T.40.056C, SOP.T.40.041 LOD is 1 CFU

Analytical Batch : KN004543MIC **Reviewed On :** 02/16/24 14:49:22 Instrument Used : E-HEW-069 Batch Date: 02/14/24 15:43:17

Running on: N/A

Dilution: N/A

Reagent: 010924.02; 111523.04; 042723.04 Consumables: 264830; 6850215; GD220016; 1350331; 22/04/01; 20221223; 10RWL0415W15 264041; 251760; 242429; 230612634D; P7528255; 41218-146C4-146C; 93825; n/a; 247040 Pipette: E-THE-045; E-THE-046; E-THE-047; E-THE-048; E-THE-049; E-THE-050; E-THE-051; E-THE-052; E-THE-053; E-THE-054

Microbiological testing for Fungal and Bacterial Identification via Polymerase Chain Reaction (PCR) method consisting of sample DNA amplified via tandem Polymerase Chain Reaction (PCR) as a crude lysate which avoids purification. With an LOD of 1cfu, if a pathogenic E Coli, Salmonella, A fumigatus, A flavus, A niger, or A terreus is detected in 1g of a sample, the sample fails the microbiological-impurity testing.

Analyzed by: 2837	Weight: 1.0535g	Extraction date: 02/20/24 12:09:39	Extracted by: 2837
Analysis Method : Analytical Batch : Instrument Used : Running on : N/A	KN004558TYM	Reviewed On: 02/20 Batch Date: 02/20	
Dilution: N/A Reagent: N/A Consumables: N/A Pipette: N/A	4		

Total yeast and mold testing is performed utilizing MPN and traditional culture based techniques. *Based on Analysis Method: SOP.T.30.082, SOP.T.40.082.TN FL action limits.

4	22,022		44	47	
e	LOD	Units	Result	Pass / Fail	Actio Level
OXIN G2	0.0016	ppm	ND	PASS	0.02
OXIN G1	0.0012	ppm	ND	PASS	0.02
OXIN B2	0.0012	nnm	ND	PASS	0.02

Analyzed by: 2803	Weight: 1.0051g	Extraction date: 02/20/24 13:44:2	21		Extracted 2803	by:
TOTAL MYCOTO	OXINS	0.002	ppm	ND	PASS	0.02
OCHRATOXIN A	4+	0.002	ppm	ND	PASS	0.02
AFLATOXIN B1		0.0012	ppm	ND	PASS	0.02
AFLATOXIN B2		0.0012	ppm	ND	PASS	0.02
AFLATOXIN G1		0.0012	ppm	ND	PASS	0.02
AFLATOXIN G2		0.0016	ppm	ND	PASS	0.02

Analysis Method: SOP,T,30,101,TN, SOP,T,40,101,TN

Reviewed On: 02/21/24 10:18:42 Analytical Batch: KN004561MYC Instrument Used : E-SHI-125 Batch Date: 02/20/24 13:47:28 Running on : N/A

Dilution: N/A

Reagent: 013024.R03; 021324.R01; 013024.R02; 013024.R01; 011224.R14; 010224.R01;

Reagent: 013024.R03; 021324.R01; 013024.R02; 013024.R01; 0110223.R25; 122023.01; 012624.R01; 013024.R02; 013024.R01; 0110233.R25; 122023.01; 012624.05

Consumables: 302110210; 264830; 22/04/01; 3254282; B9291.100; 01422036; 251760; 260148; 230713634D; 1008702218; 947.100; 1350331; H110738-34

Pipette: E-EPP-080; E-EPP-081; E-EPP-082; E-VWR-116; E-VWR-117; E-VWR-118; E-VWR-119

Aflatoxins B1, B2, G1, G2, and Ochratoxins Mycrotoxins testing utilizing Liquid Chromatography with Triple-Quadrupole Mass Spectrometry. *Based on FL action limits.



Heavy Metals

PASSED

Metal		LOD	Units	Result	Pass / Fail	Action Level	
ARSENIC-AS		0.02	ppm	ND	PASS	0.2	
CADMIUM-CD		0.02	ppm	ND	PASS	0.2	
MERCURY-HG		0.02	ppm	ND	PASS	0.2	
LEAD-PB		0.02	ppm	< 0.04	PASS	0.5	
Analyzed by: 2837, 3050	Weight: 0.2533g	Extraction date 02/13/24 16:08			xtracted 1990	by:	

Analytical Batch: KN004538HEA Instrument Used: E-AGI-084 Running on : N/A

Reviewed On: 02/14/24 20:10:39 Batch Date: 02/13/24 14:39:57

Dilution: N/A Reagent: N/A Pipette: N/A

Heavy Metals analysis is performed using ICP-MS (Inductively Coupled Plasma - Mass Spectrometer) which can screen down to single digit ppb concentrations. LOQ is 0.04 ppm for all metals. *Based on FL action limits.

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Ordered: 02/08/24

Sample Size Received: 15 gram Completed: 02/21/24 Expires: 02/21/25 Page 5 of 5



Filth/Foreign Material

PASSED



Moisture

PASSED

Analyte Filth and Forei	gn Material	1 9	Jnits %	Result ND	P/F PASS	Action Level 5	Analyte Moisture Conter	nt	LOD 1	Units %	Result 11.03	P/F TESTED	Action Level
Analyzed by: 2837	Weight: 0.514g	Extraction 02/15/24			Extra 2837	acted by:	Analyzed by: 2990, 2837	Weight: 0.534g		ction date: 3/24 15:26		Extrac 2990,2	ted by: 2837
Analysis Method Analytical Batch Instrument Used Running on: N/A	KN004544FIL : E-AMS-138				/24 11:44:3 4 16:27:14		Analysis Method : Analytical Batch : Instrument Used : Running on : N/A	KN004536MOI				4/24 09:53:1 24 11:50:25	
Dilution: N/A Reagent: N/A Consumables: N/A Pipette: N/A	A						Dilution: N/A Reagent: 121823. Consumables: 100 Pipette: E-VWR-12	08702218; 68502	15				
This includes but is	not limited to hair in	acasta facas	packaging	contamina	eta and mani	ifacturing waste	Moisture Content an	alveic utilizing loce	an draina	tochnology	in accordance	with E.C. Dulo	645020.20

and by-products. A SW-2T13 Stereo Microscope is use for inspection.

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