



Certificate of Analysis

Sample:KN20428003-001
Harvest/Lot ID: 3003
Batch#: 01-06223
Seed to Sale# N/A
Batch Date: 04/19/22
Sample Size Received: 90 gram
Total Weight/Volume: N/A
Retail Product Size: 9.4 gram
ordered : 04/19/22
sampled : 04/19/22
Completed: 05/20/22
Sampling Method: SOP Client Method

May 20, 2022 | D8-Hi
2232 Dell Range Blvd.
Cheyenne, WY, 82009, US



PASSED

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PRODUCT IMAGE	SAFETY RESULTS								MISC.
	 Pesticides PASSED	 Heavy Metals PASSED	 Microbials PASSED	 Mycotoxins PASSED	 Residuals Solvents NOT TESTED	 Filtration PASSED	 Water Activity NOT TESTED	 Moisture NOT TESTED	 Terpenes NOT TESTED

	Cannabinoid	PASSED
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	Total THC ND Total THC/Cookie : 0 mg		D8-THC 0.5458% D8-THC/Cookie : 51.305 mg		Total Cannabinoids 0.5458% Total Cannabinoids/Cookie : 51.305 mg
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	TOTAL CAN	CBDV	CBDA	CBGA	CBG	CBD	THCV	CBN	EXO-THC	D9-THC	D8-THC	D10-THC	CBC	THCA	D8-THCO	D9-THCO	THC-O
%	0.5458	ND	ND	<0.01	ND	ND	ND	<0.01	ND	<0.01	0.5458	ND	<0.01	ND	ND	ND	ND
mg/g	5.458	ND	ND	<0.1	ND	ND	ND	<0.1	ND	<0.1	5.458	ND	<0.1	ND	ND	ND	ND
LOD	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.001	0.001	0.001	0.001	0.001	0.002	0.002	0.002
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%

Analyzed by 113 Weight 0.5098g Extraction date : 04/28/22 14:00:35 Extracted By : 113

Analysis Method -Expanded Measurement of Uncertainty: Flower Matrix d9-THC:12.7%, THCA: 9.5%, TOTAL THC 11. 1%. These uncertainties represent an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor k=2 for a normal distribution.

Reviewed On - 04/28/22 17:02:05 Batch Date : 04/27/22 09:25:22 Instrument Used : HPLC E-SHI-008

Analytical Batch -KN002332POT Running On :

Dilution : 40

Reagent : 081321.R04; 042622.R14; 042122.R02

Consumables : 947B9291.271; 12123-046CC-046

Full spectrum cannabinoid analysis utilizing High Performance Liquid Chromatography with UV/PDA detection (HPLC-UV/PDA). (Method: SOP.T.30.031.TN for sample prep and Shimadzu High Sensitivity Method SOP.T.40.020 for analysis.). *Based on FL action limits.

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Sue Ferguson
Lab Director
State License # n/a
ISO Accreditation # 17025:2017

Signature
05/20/22
Signed On



Certificate of Analysis

PASSED

D8-Hi

 Sample : KN20428003-001
 Harvest/Lot ID: 3003

 2232 Dell Range Blvd.
 Cheyenne, WY, 82009, US
 Telephone: (954) 778-3071
 Email: info@virag.bio

 Batch# : 01-06223
 Sampled : 04/19/22
 Odered : 04/19/22

 Sample Size Received : 90 gram
 Total Weight/Volume : N/A
 Completed : 05/20/22 Expires: 05/20/23
 Sample Method : SOP Client Method

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Pesticides

PASSED

Pesticide	LOD	Units	Action Level	Pass/Fail	Result	Pesticide	LOD	Units	Action Level	Pass/Fail	Result
ABAMECTIN B1A	0.01	ppm	0.3	PASS	ND	PIPERONYL BUTOXIDE	0.01	ppm	3	PASS	ND
ACEPHATE	0.01	ppm	3	PASS	ND	PRALLETHRIN	0.01	ppm	0.4	PASS	ND
ACEQUINOCYL	0.01	ppm	2	PASS	ND	PROPICONAZOLE	0.01	ppm	1	PASS	ND
ACETAMIPRID	0.01	ppm	3	PASS	ND	PROPOXUR	0.01	ppm	0.1	PASS	ND
ALDICARB	0.01	ppm	0.1	PASS	ND	PYRETHRINS	0.01	ppm	1	PASS	ND
AZOXYSTROBIN	0.01	ppm	3	PASS	ND	PYRIDABEN	0.01	ppm	3	PASS	ND
BIFENAZATE	0.01	ppm	3	PASS	ND	SPINETORAM	0.01	ppm	3	PASS	ND
BIFENTHRIN	0.01	ppm	0.5	PASS	ND	SPIROMESIFEN	0.01	ppm	3	PASS	ND
BOSCALID	0.01	ppm	3	PASS	ND	SPIROTETRAMAT	0.01	ppm	3	PASS	ND
CARBARYL	0.01	ppm	0.5	PASS	ND	SPIROXAMINE	0.01	ppm	0.1	PASS	ND
CARBOFURAN	0.01	ppm	0.1	PASS	ND	TEBUCONAZOLE	0.01	ppm	1	PASS	ND
CHLORANTRANILIPROLE	0.01	ppm	3	PASS	ND	THIACLOPRID	0.01	ppm	0.1	PASS	ND
CHLORMEQUAT CHLORIDE	0.01	ppm	3	PASS	ND	THIAMETHOXAM	0.01	ppm	1	PASS	ND
CHLORPYRIFOS	0.01	ppm	0.1	PASS	ND	TOTAL SPINOSAD	0.01	ppm	3	PASS	ND
CLOFENTZINE	0.01	ppm	0.5	PASS	ND	TRIFLOXYSTROBIN	0.01	ppm	3	PASS	ND
CUMAPHOS	0.01	ppm	0.1	PASS	ND						
CYPERMETHRIN	0.01	ppm	1	PASS	ND						
DAMINOZIDE	0.01	ppm	0.1	PASS	ND						
DIAZANON	0.01	ppm	0.2	PASS	ND						
DICHLORVOS	0.01	ppm	0.1	PASS	ND						
DIMETHOATE	0.01	ppm	0.1	PASS	ND						
DIMETHOMORPH	0.01	ppm	3	PASS	ND						
ETHOPROPHOS	0.01	ppm	0.1	PASS	ND						
ETOFENPROX	0.01	ppm	0.1	PASS	ND						
ETOXAZOLE	0.01	ppm	1.5	PASS	ND						
FENHEXAMID	0.01	ppm	3	PASS	ND						
FENOXYCARB	0.01	ppm	0.1	PASS	ND						
FENPYROXIMATE	0.01	ppm	2	PASS	ND						
FIPRONIL	0.01	ppm	0.1	PASS	ND						
FLONICAMID	0.01	ppm	2	PASS	ND						
FLUDIOXONIL	0.01	ppm	3	PASS	ND						
HEXYTHIAZOX	0.01	ppm	2	PASS	ND						
IMAZALIL	0.01	ppm	0.1	PASS	ND						
IMIDACLOPRID	0.01	ppm	3	PASS	ND						
KRESOXIM-METHYL	0.01	ppm	1	PASS	ND						
MALATHION	0.01	ppm	2	PASS	ND						
METALAXYL	0.01	ppm	3	PASS	ND						
METHIOCARB	0.01	ppm	0.1	PASS	ND						
METHOMYL	0.01	ppm	0.1	PASS	ND						
MEVINPHOS	0.01	ppm	0.1	PASS	ND						
MYCLOBUTANIL	0.01	ppm	3	PASS	ND						
NALED	0.01	ppm	0.5	PASS	ND						
OXAMYL	0.01	ppm	0.5	PASS	ND						
PACLOBUTRAZOL	0.01	ppm	0.1	PASS	ND						
PERMETHRINS	0.01	ppm	1	PASS	ND						
PHOSMET	0.01	ppm	0.2	PASS	ND						



Pesticides

PASSED

Analysis Method - SOP.T.30.060, SOP.T.40.060
Analytical Batch -
Instrument Used :
Running on :
Analyzed by: NA **Weight:** NA **Extraction date:** NA **Extracted by:** NA
Dilution : 1
Reagent :
Consumables :

Reviewed On : 05/20/22 13:54:32
 Batch Date :

Pesticide analysis is performed using LC-MSMS which can quantify down to below single digit ppb concentrations for regulated Pesticides. Currently we analyze for 61 Pesticides. (Methods: SOP.T.30.065 Sample Preparation for Pesticides Analysis via LCMSMS and SOP.T40.065 Procedure for Pesticide Quantification Using LCMSMS). *Based on FL action limits.

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Sue Ferguson

Lab Director

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

Signature

05/20/22

Signed On



Certificate of Analysis

PASSED

D8-Hi

Sample : KN20428003-001
Harvest/Lot ID: 3003

2232 Dell Range Blvd.
Cheyenne, WY, 82009, US
Telephone: (954) 778-3071
Email: info@virag.bio

Batch# : 01-06223
Sampled : 04/19/22
Ordered : 04/19/22

Sample Size Received : 90 gram
Total Weight/Volume : N/A
Completed : 05/20/22 Expires: 05/20/23
Sample Method : SOP Client Method

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	Microbial	PASSED		Mycotoxins	PASSED
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Analyte	LOD	Units	Result	Pass / Fail	Action Level
LISTERIA MONOCYTOGENE	2000	RFU	ND	PASS	2000
ESCHERICHIA COLI SHIGELLA SPP	1726	RFU	ND	PASS	1726
SALMONELLA SPECIFIC GENE	10000	RFU	ND	PASS	10000
ASPERGILLUS FLAVUS	10000	RFU	ND	PASS	10000
ASPERGILLUS FUMIGATUS	10000	RFU	ND	PASS	10000
ASPERGILLUS NIGER	10000	RFU	ND	PASS	10000
ASPERGILLUS TERREUS	10000	RFU	ND	PASS	10000

Analysis Method - SOP.T.40.043
Analytical Batch - KN002430MIC
Instrument Used : Micro E-HEW-069
Running on :

Reviewed On :
Batch Date : 05/19/22 09:05:48

Analyzed by: NA Weight: NA Extraction date: NA Extracted by: NA

Dilution : 1
Reagent :
Consumables :

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. (Method SOP.T.40.043) If a pathogenic Escherichia Coli, Salmonella, Aspergillus fumigatus, Aspergillus flavus, Aspergillus niger, or Aspergillus terreus is detected in 1g of a sample, the sample fails the microbiological-impurity testing.

Analyte	LOD	Units	Result	Pass / Fail	Action Level
AFLATOXIN G2	0.002	ppm	ND	PASS	0.02
AFLATOXIN G1	0.002	ppm	ND	PASS	0.02
AFLATOXIN B2	0.002	ppm	ND	PASS	0.02
AFLATOXIN B1	0.002	ppm	ND	PASS	0.02
OCHRATOXIN A+	0.002	ppm	ND	PASS	0.02
TOTAL MYCOTOXINS	0.002	ppm	ND	PASS	0.02

Analysis Method -SOP.T.30.060, SOP.T.40.060

Analytical Batch -25136 | Reviewed On - 05/20/22 13:53:57

Instrument Used :

Running On : | Batch Date :

Analyzed by: NA Weight: NA Extraction date: NA Extracted By: NA

Aflatoxins B1, B2, G1, G2, and Ochratoxins A testing using LC-MS. (Method: SOP.T.30.060 for Sample Preparation and SOP.T40.065 Procedure for Mycotoxins Quantification Using LCMSMS. LOQ 5.0 ppb). *Based on FL action limits.



Heavy Metals

PASSED

Metal	LOD	Units	Result	Pass / Fail	Action Level
ARSENIC-AS	0.02	ppm	ND	PASS	1.5
CADMIUM-CD	0.02	ppm	ND	PASS	0.5
MERCURY-HG	0.02	ppm	ND	PASS	3
LEAD-PB	0.02	ppm	ND	PASS	0.5

Analyzed by: NA Weight: NA Extraction date: NA Extracted By: NA

Analysis Method -SOP.T.40.050, SOP.T.30.052

Analytical Batch -25134 | Reviewed On - 05/20/22 12:22:00

Instrument Used :

Running On : | Batch Date :

Dilution : 1
Reagent :
Consumables :

Heavy Metals screening is performed using ICP-MS (Inductively Coupled Plasma - Mass Spectrometer) which can screen down to single digit ppb concentrations for regulated heavy metals using Method SOP.T.30.082 Sample Preparation for Heavy Metals Analysis via ICP-MS and SOP.T.40.082TN Heavy Metals Analysis via ICP-MS.



Certificate of Analysis

PASSED

D8-Hi

2232 Dell Range Blvd.
Cheyenne, WY, 82009, US
Telephone: (954) 778-3071
Email: info@virag.bio

Sample : KN20428003-001
Harvest/Lot ID: 3003

Batch# : 01-06223
Sampled : 04/19/22
Odered : 04/19/22

Sample Size Received : 90 gram
Total Weight/Volume : N/A
Completed : 05/20/22 Expires: 05/20/23
Sample Method : SOP Client Method

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**Filth/Foreign
Material**

PASSED

Analyte	LOD	Units	Result	P/F	Action Level
Analyzed By 12	Weight	Extraction date		Extracted By NA	
Analysis Method -SOP.T.40.013	NA	NA		Batch Date :	
Analytical Batch -NA					
Instrument Used :					
Running On :					

This includes but is not limited to hair, insects, feces, packaging contaminants, and manufacturing waste and by-products. A SW-2T13 Stereo Microscope is use for inspection.

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Signature

05/20/22

Signed On