



Certificate of Analysis

Sample:KN30525006-003
Harvest/Lot ID: Gold Vana Dream
Batch#: D2312201
Batch Date: 05/02/23
Sample Size Received: 12 gram
Retail Product Size: 30 ml
Ordered : 05/23/23
Sampled : 05/23/23
Completed: 06/06/23

PASSED

Page 1 of 5

Jun 06, 2023 | Global Resource Operations LLC.

5115 Maryland Way
Brentwood, TN, 37027, US



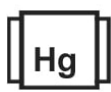
PRODUCT IMAGE



SAFETY RESULTS



Pesticides
PASSED



Heavy Metals
PASSED



Microbials
PASSED



Mycotoxins
PASSED



Residuals Solvents
TESTED



Filth
PASSED



Water Activity
NOT TESTED



Moisture
NOT TESTED



Terpenes
NOT TESTED

MISC.

Potency

PASSED



Total THC
0.0116%



Total CBD
2.1767%



Total Cannabinoids
2.7401%

	CBDV	CBDA	CBGA	CBG	CBD	THCV	CBN	D9-THC	D8-THC	D10-THC	CBC	THCA
%	<0.01	<0.01	ND	<0.01	2.1767	ND	0.5316	0.0116	<0.01	ND	0.0202	ND
mg/g	<0.1	<0.1	ND	<0.1	21.767	ND	5.316	0.116	<0.1	ND	0.202	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
	%	%	%	%	%	%	%	%	%	%	%	%

Analyzed by: 2657, 3050 Weight: 0.2045g Extraction date: 05/25/23 12:38:13 Extracted by: 2637

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 : KN003817POT

Instrument Used : E-SHI-008

Running on : N/A

Reviewed On : 05/26/23 10:02:47

Batch Date : 05/24/23 08:11:14

Dilution : N/A
Reagent : 122922.10; 100422.02; 051023.01; 051723.R01; 052223.R34; 102722.01
Consumables : 301011028; 22/04/01; 220725; 230105059D; 239146; 947B9291.271; GD210005; 1350331; 6121219; 600054; IP250.100
Pipette : E-VWR-120

Full spectrum cannabinoid analysis utilizing High Performance Liquid Chromatography with UV/PDA detection (HPLC-UV/PDA). All cannabinoids have an LOQ of 0.01%.

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Sue Ferguson
Lab Director

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

Sue Ferguson
Signature

06/06/23

Signed On



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 Sample : KN30525006-003
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 5115 Maryland Way
 Brentwood, TN, 37027, US
 Telephone: (615) 471-1416
 Email: info@vanalabs.com

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Pesticides

PASSED

Pesticide	LOD	Units	Action Level	Pass/Fail	Result	Pesticide	LOD	Units	Action Level	Pass/Fail	Result
ABAMECTIN B1A	0.012	ppm	0.1	PASS	ND	PRALLETHRIN	0.008	ppm	0.4	PASS	ND
ACEPHATE	0.008	ppm	0.1	PASS	ND	PROPICONAZOLE	0.007	ppm	1	PASS	ND
ACEQUINOCYL	0.038	ppm	0.1	PASS	ND	PROPOXUR	0.008	ppm	0.1	PASS	ND
ACETAMIPRID	0.009	ppm	0.1	PASS	ND	PYRETHRINS	0.002	ppm	1	PASS	ND
ALDICARB	0.009	ppm	0.1	PASS	ND	PYRIDABEN	0.007	ppm	3	PASS	ND
AZOXYSTROBIN	0.013	ppm	0.1	PASS	ND	SPINETORAM	0.004	ppm	3	PASS	ND
BIFENAZATE	0.028	ppm	0.1	PASS	ND	SPIROMESIFEN	0.009	ppm	3	PASS	ND
BIFENTHRIN	0.047	ppm	0.1	PASS	ND	SPIROTETRAMAT	0.009	ppm	0.1	PASS	ND
BOSCALID	0.007	ppm	0.1	PASS	ND	SPIROXAMINE	0.006	ppm	0.1	PASS	ND
CARBARYL	0.015	ppm	0.5	PASS	ND	TEBUCONAZOLE	0.009	ppm	0.1	PASS	ND
CARBOFURAN	0.008	ppm	0.1	PASS	ND	THIACLOPRID	0.008	ppm	0.1	PASS	ND
CHLORANTRANILIPROLE	0.012	ppm	3	PASS	ND	THIAMETHOXAM	0.009	ppm	0.5	PASS	ND
CHLORMEQUAT CHLORIDE	0.008	ppm	1	PASS	ND	TOTAL SPINOSAD	0.009	ppm	0.1	PASS	ND
CHLORPYRIFOS	0.014	ppm	0.1	PASS	ND	TRIFLOXYSTROBIN	0.009	ppm	0.1	PASS	ND
CLOFENTEZINE	0.006	ppm	0.2	PASS	ND						
COUMAPHOS	0.009	ppm	0.1	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	3	PASS	ND						
ETHOPROPHOS	0.007	ppm	0.1	PASS	ND						
ETOFENPROX	0.009	ppm	0.1	PASS	ND						
ETOXAZOLE	0.007	ppm	1.5	PASS	ND						
FENHEXAMID	0.005	ppm	3	PASS	ND						
FENOXYCARB	0.007	ppm	0.1	PASS	ND						
FENPYROXIMATE	0.006	ppm	2	PASS	ND						
FIPRONIL	0.008	ppm	0.1	PASS	ND						
FLONICAMID	0.014	ppm	2	PASS	ND						
FLUDIOXONIL	0.011	ppm	3	PASS	ND						
HEXYTHIAZOX	0.009	ppm	2	PASS	ND						
IMAZALIL	0.01	ppm	0.1	PASS	ND						
IMIDACLOPRID	0.005	ppm	3	PASS	ND						
KRESOXIM-METHYL	0.01	ppm	1	PASS	ND						
MALATHION	0.009	ppm	2	PASS	ND						
METALAXYL	0.008	ppm	3	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	ppm	3	PASS	ND						
NALED	0.023	ppm	0.5	PASS	ND						
OXAMYL	0.009	ppm	0.5	PASS	ND						
PACLOBUTRAZOL	0.007	ppm	0.1	PASS	ND						
PERMETHRINS	0.008	ppm	1	PASS	ND						
PHOSMET	0.009	ppm	0.2	PASS	ND						
PIPERONYL BUTOXIDE	0.006	ppm	3	PASS	ND						

Analyzed by: 2803 Instrument Used : E-SHI-125 Running on : N/A Dilution : 0.01 Reagent : 010523.R11; 030723.R19; 052623.R03; 051923.R05; 122322.R26; 101722.04; 032221.01 Consumables : 301011028; 674277-E23452; 22/04/01; 220725; 21267B0; 251760; 201123-058; 239146; 94789291.271; 1350331; 1300.062 Pipette : E-VWR-116; E-VWR-117; E-VWR-118; E-VWR-119	Weight: NA Extraction date: N/A Extracted by: 2803	Reviewed On : 05/31/23 14:14:37 Batch Date : 05/30/23 12:56:48
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Analysis Method : SOP.T.30.101.TN, SOP.T.40.101.TN
 Analytical Batch : KN003830PES
 Testing for agricultural agents is performed utilizing Liquid Chromatography with Triple-Quadrupole Mass Spectrometry.
 *Based on FL action limits.

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Sue Ferguson

Lab Director

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

Signature

06/06/23

Signed On



Certificate of Analysis

PASSED

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 Brentwood, TN, 37027, US
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 Email: info@vanalabs.com

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 Harvest/Lot ID: Gold Vana Dream
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 Sample Size Received : 12 gram
 Completed : 06/06/23 Expires: 06/06/24

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Residual Solvents

TESTED

Solvents	LOD	Units	Action Level	Pass/Fail	Result
PROPANE	100	ppm	5000	TESTED	ND
BUTANES (N-BUTANE)	100	ppm	5000	TESTED	ND
METHANOL	20	ppm	250	TESTED	<25
ETHYLENE OXIDE	0.2	ppm	5	TESTED	ND
PENTANES (N-PENTANE)	32	ppm	750	TESTED	ND
ETHANOL	100	ppm	5000	TESTED	>9500
ETHYL ETHER	10	ppm	500	TESTED	ND
1,1-DICHLOROETHENE	0.6	ppm	8	TESTED	ND
ACETONE	40	ppm	750	TESTED	ND
2-PROPANOL	25	ppm	500	TESTED	ND
ACETONITRILE	20	ppm	60	TESTED	ND
DICHLOROMETHANE	2	ppm	125	TESTED	ND
N-HEXANE	10	ppm	250	TESTED	ND
ETHYL ACETATE	8.3	ppm	400	TESTED	<40
CHLOROFORM	0.04	ppm	2	TESTED	ND
BENZENE	0.03	ppm	1	TESTED	ND
1,2-DICHLOROETHANE	0.05	ppm	2	TESTED	ND
HEPTANE	53	ppm	5000	TESTED	ND
TRICHLOROETHYLENE	0.5	ppm	25	TESTED	ND
TOLUENE	5	ppm	150	TESTED	ND
TOTAL XYLENES - M, P & O - DIMETHYLBENZENE	15	ppm	150	TESTED	ND

Analyzed by: 138, 3050	Weight: 0.02014g	Extraction date: 06/01/23 14:25:33	Extracted by: 138
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Analysis Method : SOP.T.40.041.TN	Reviewed On : 06/06/23 15:41:25
Analytical Batch : KN003837SOL	Batch Date : 05/31/23 14:55:01
Instrument Used : E-SHI-106	
Running on : N/A	

Dilution : N/A
 Reagent : N/A
 Consumables : R2017.167; G201-167
 Pipette : N/A

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

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Sue Ferguson

Lab Director

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 ISO Accreditation # 17025:2017

Signature

06/06/23

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Certificate of Analysis

PASSED

Global Resource Operations LLC.

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 Harvest/Lot ID: Gold Vana Dream
 Batch# : D2312201
 Sampled : 05/23/23
 Ordered : 05/23/23

 Sample Size Received : 12 gram
 Completed : 06/06/23 Expires: 06/06/24

 5115 Maryland Way
 Brentwood, TN, 37027, US
 Telephone: (615) 471-1416
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	Microbial	PASSED		Mycotoxins	PASSED
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Analyte	LOD	Units	Result	Pass / Fail	Action Level
ESCHERICHIA COLI SHIGELLA SPP			Not Present	PASS	
SALMONELLA SPECIFIC GENE			Not Present	PASS	
ASPERGILLUS FLAVUS			Not Present	PASS	
ASPERGILLUS FUMIGATUS			Not Present	PASS	
ASPERGILLUS NIGER			Not Present	PASS	
ASPERGILLUS TERREUS			Not Present	PASS	

Analyzed by: 2805	Weight: 1.0136g	Extraction date: 05/31/23 10:05:56	Extracted by: 2805
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Analysis Method : SOP.T.40.056C, SOP.T.40.041 LOD is 1 CFU
 Analytical Batch : KN003833MIC Reviewed On : 06/02/23 17:15:53
 Instrument Used : E-HEW-069 Batch Date : 05/31/23 09:11:16
 Running on : N/A

Dilution : N/A
 Reagent : 020323.03; 101822.09; 010923.05; 072722.06
 Consumables : 22/04/01; 251773; 242429; 2DAX30621; P7528255; 41218-146C4-146C; 263989; 93825; 007109; n/a; 247040; 0150210
 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; E-BIO-188

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.

Analyte	LOD	Units	Result	Pass / Fail	Action Level
AFLATOXIN G2	0.0016	ppm	ND	PASS	0.02
AFLATOXIN G1	0.0012	ppm	ND	PASS	0.02
AFLATOXIN B2	0.0012	ppm	ND	PASS	0.02
AFLATOXIN B1	0.0012	ppm	ND	PASS	0.02
OCHRATOXIN A+	0.002	ppm	ND	PASS	0.02
TOTAL MYCOTOXINS	0.002	ppm	ND	PASS	0.02

Analyzed by: 2803	Weight: 1.0156g	Extraction date: 05/31/23 12:10:13	Extracted by: 2803
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Analysis Method : SOP.T.30.101.TN, SOP.T.40.101.TN
 Analytical Batch : KN003831MYC Reviewed On : 05/31/23 13:58:58
 Instrument Used : E-SHI-125 Batch Date : 05/30/23 13:00:19
 Running on : N/A

Dilution : 0.01
 Reagent : 010523.R11; 030723.R19; 052623.R03; 051923.R05; 122322.R26; 101722.04; 032221.01
 Consumables : 301011028; 674277-E23452; 22/04/01; 220725; 21267B0; 251760; 201123-058; 239146; 947B9291.271; 1350331; 1300.062
 Pipette : E-VWR-116; E-VWR-117; E-VWR-118; E-VWR-119

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

	Heavy Metals	PASSED
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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	ND	PASS	0.5

Analyzed by: 2837, 138	Weight: 0.2513g	Extraction date: 06/01/23 10:24:33	Extracted by: 2837
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Analysis Method : SOP.T.30.082, SOP.T.40.082.TN
 Analytical Batch : KN003839HEA Reviewed On : 06/02/23 14:40:56
 Instrument Used : E-AGI-084 Batch Date : 06/01/23 09:32:31
 Running on : N/A

Dilution : N/A
 Reagent : 122922.10; 100422.02; 052423.R10; 050323.R02; 101722.05; 022023.01; 051523.R14; 051523.R39; 031423.R01; 051523.R12; 051723.R03; 051723.R04; 051723.R05; 031623.R02; 041923.R03
 Consumables : 257747; 829C6-829B; 221200; A260422A
 Pipette : E-EPP-081; E-EPP-082

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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Sue Ferguson
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	Filth/Foreign Material	PASSED
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Analyte	LOD	Units	Result	P/F	Action Level
Filth and Foreign Material	1	detect/g	ND	PASS	3

Analyzed by: 2805	Weight: 0.5002g	Extraction date: 05/31/23 10:07:10	Extracted by: 2805
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Analysis Method : SOP.T.40.090	Reviewed On : 05/31/23 10:13:42
Analytical Batch : KN003738FIL	Batch Date : 05/04/23 09:20:35
Instrument Used : E-AMS-138	
Running on : N/A	

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

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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