



# Certificate of Analysis

Dec 10, 2019 | Vie CBD

505 Tanbark Court Brinklow  
Maryland, USA 20862



SAMPLE:DA91204006-001

Harvest/Lot ID: N/A

Seed to Sale #N/A

Batch#: JP101619T4

Sample Size: 30 ml

Ordered : 12/02/19

Sampled : 12/02/19

Completed: 12/10/19 Expires: 12/10/20

Sampling Method: SOP Client Method

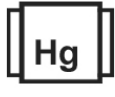
**PASSED**

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PRODUCT IMAGE SAFETY RESULTS



Pesticides  
**PASSED**



Heavy Metals  
**PASSED**



Microbials  
**PASSED**



Mycotoxins  
**PASSED**



Residuals  
Solvents  
**PASSED**



Filtration  
**PASSED**



Water Activity  
**NOT TESTED**



Moisture  
**NOT TESTED**



Terpenes  
**NOT TESTED**

MISC.

CANNABINOID RESULTS

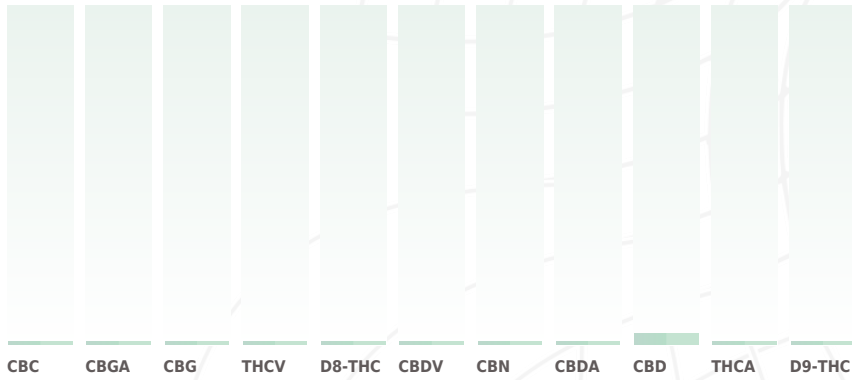


Total THC  
**0.000%**  
THC/Container :0.00 mg



Total CBD  
**3.379%**  
CBD/Container :1,013.70 mg

ND	ND	ND	ND	ND	0.053 %	ND	ND	3.379 %	ND	ND
ND	ND	ND	ND	ND	0.530 mg/g	ND	ND	33.790 mg/g	ND	ND



Cannabinoid Profile Test

Analyst 450	Weight 3.1377g	Sample Prep : 2019-12-04 09:12:35	Extracted By : 965
Analysis Method -SOP.T.40.020, SOP.T.30.050			
Analytical Batch -DA008431POT			
Reagent 120319.R05 112619.R03	Dilution 400	Consums. ID 76124-662 SFN-BX-1025 849C4-849AK 840C6-840H	

Full spectrum cannabinoid analysis utilizing High Performance Liquid Chromatography with UV detection (HPLC-UV). (Method: SOP.T.30.050 for sample prep and Shimadzu High Sensitivity Method SOP.T.40.020 for analysis. LOQ for all cannabinoids is 1 mg/L).

 **Filtration** **PASSED**

Analyte 584	Weight 1g	Sample Prep : 2019-12-04 04:12:57	Extracted By : 584
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Analysis Method -SOP.T.40.013  
Analytical Batch -DA008466FIL

This includes but is not limited to hair, insects, feces, packaging contaminants, and manufacturing waste and by-products. An SH-2B/T Stereo Microscope is use for inspection.

This report shall not be reproduced, unless in its entirety, without written approval from Kaycha Labs. This report is an Kaycha Labs certification. The results relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. Void after 1 year from test end date. Cannabinoid content of batch material may vary depending on sampling error. IC=In-control QC parameter, NC=Non-controlled QC parameter, ND=Not Detected, NA=Not Analyzed, ppm=Parts Per Million, ppb=Parts Per Billion. Limit of Detection (LoD) and Limit Of Quantitation (LoQ) are terms used to describe the smallest concentration that can be reliably measured by an analytical procedure. RPD=Reproducibility of two measurements. Action Levels are State determined thresholds for human safety for consumption and/or inhalation

**Jorge Segredo**  
Lab Director  
State License # n/a  
ISO Accreditation # 97164



Signature

12/10/2019

Signed On



# Certificate of Analysis

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**Vie CBD**

 505 Tanbark Court Brinklow  
 Maryland, USA 20862

**Telephone:** (240) 994-9302

**Email:** kyle@vie-cbd.com

**Sample : DA91204006-001**
**Harvest/LOT ID: N/A**
**Batch# :**

JP101619T4

**Sample Size :** 30

ml

**Ordered :** 12/02/19

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**Sample Method :** SOP Client Method

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**Pesticides**
**PASSED**

Pesticides	LOQ	Action Level	Units	Result	Pesticides	LOQ	Action Level	Units	Result
CHLORDANE	0.010	0.1	ppm	ND	DICHLORVOS	0.050	0.1	ppm	ND
CAPTAN	0.100	3	ppm	ND	METHIOCARB	0.010	0.1	ppm	ND
BOSCALID	0.010	3	PPM	ND	METHOMYL	0.010	0.1	ppm	ND
DIMETHOATE	0.010	0.1	ppm	ND	DIAZANON	0.010	0.2	ppm	ND
ABAMECTIN B1A	0.020	0.3	ppm	ND	MEVINPHOS	0.010	0.1	ppm	ND
CIS-PERMETHRIN	0.050	1	ppm	ND	MYCLOBUTANIL	0.010	3	ppm	ND
SPINETORAM	0.010	3	PPM	ND	NALED	0.010	0.5	ppm	ND
ACEPHATE	0.010	3	ppm	ND	OXAMYL	0.010	0.5	ppm	ND
DIMETHOMORPH	0.005	3	ppm	ND	PACLOBUTRAZOL	0.010	0.1	ppm	ND
ETHOPROPHOS	0.010	0.1	ppm	ND	TRANS-PERMETHRIN	0.050	1	ppm	ND
ACEQUINOCYL	0.050	2	ppm	ND	PHOSMET	0.010	0.2	ppm	ND
ACETAMIPRID	0.010	3	ppm	ND	PIPERONYL BUTOXIDE	0.010	3	ppm	ND
ETOFENPROX	0.010	0.1	ppm	ND	PRALLETHRIN	0.050	0.4	ppm	ND
ALDICARB	0.020	0.1	ppm	ND	PROPICONAZOLE	0.010	1	ppm	ND
ETOXAZOLE	0.010	1.5	ppm	ND	PROPOXUR	0.010	0.1	ppm	ND
AZOXYSTROBIN	0.010	3	ppm	ND	PYRETHRIN I	0.010	1	ppm	ND
FENHEXAMID	0.010	3	ppm	ND	PYRIDABEN	0.010	3	ppm	ND
BIFENAZATE	0.010	3	ppm	ND	SPINOSAD (SPINOSYN A)	0.010	3	ppm	ND
FENOXYCARB	0.010	0.1	ppm	ND	SPINOSAD (SPINOSYN D)	0.010	3	ppm	ND
FENPYROXIMATE	0.010	2	ppm	ND	SPIROMESIFEN	0.010	3	ppm	ND
BIFENTHRIN	0.010	0.5	ppm	ND	SPIROTETRAMAT	0.020	3	ppm	ND
CARBARYL	0.010	0.5	ppm	ND	SPIROXAMINE	0.010	0.1	ppm	ND
FIPRONIL	0.020	0.1	ppm	ND	TEBUCONAZOLE	0.010	1	ppm	ND
FLONICAMID	0.010	2	ppm	ND	THIACLOPRID	0.010	0.1	ppm	ND
CARBOFURAN	0.010	0.1	ppm	ND	THIAMETHOXAM	0.010	1	ppm	ND
CHLORANTRANILIPROLE	0.010	3	ppm	ND	TRIFLOXYSTROBIN	0.010	3	ppm	ND
FLUDIOXONIL	0.010	3	ppm	ND					
HEXYTHIAZOX	0.010	2	ppm	ND					
CHLORFENAPYR	0.010	0.1	ppm	ND					
IMAZALIL	0.010	0.1	ppm	ND					
CHLORPYRIFOS	0.010	0.1	ppm	ND					
IMIDACLOPRID	0.010	3	ppm	ND					
CLOFENTEZINE	0.010	0.5	ppm	ND					
KRESOXIM-METHYL	0.010	1	ppm	ND					
COUMAPHOS	0.005	0.1	ppm	ND					
MALATHION	0.010	2	ppm	ND					
CYPERMETHRIN	0.020	1	ppm	ND					
DAMINOZIDE	0.020	0.1	ppm	ND					
METALAXYL	0.010	3	ppm	ND					


**Pesticides**
**PASSED**

<b>Analyst</b> 585	<b>Weight</b> 1.0892g	<b>Sample Prep :</b> 2019-12-04 11:12:39	<b>Extracted By :</b> 1082
<b>Analysis Method</b> -SOP.T.30.065, SOP.T.40.065			
<b>Analytical Batch</b> - DA008435PES			
<b>Reagent</b>	<b>Dilution</b>	<b>Consums. ID</b>	
SOP.T.30.065, SOP.T.40.065			



Signature

12/10/2019

Signed On



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 ml


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**Sample Method :** SOP Client Method

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**Residual Solvents**
**PASSED**

**Residual Solvents**
**PASSED**

SOLVENT	ACTION LEVEL (PPM)	PASS/FAIL	RESULT
PROPANE	2100	PASS	ND
BUTANES (N-BUTANE)	2000	PASS	ND
ETHYLENE OXIDE	5	PASS	ND
METHANOL	250	PASS	ND
ETHANOL	5000	PASS	ND
PENTANES (N-PENTANE)	750	PASS	ND
ETHYL ETHER	500	PASS	ND
ACETONE	750	PASS	ND
2-PROPANOL	500	PASS	ND
ACETONITRILE	60	PASS	ND
DICHLOROMETHANE	125	PASS	ND
N-HEXANE	250	PASS	ND
ETHYL ACETATE	400	PASS	ND
BENZENE	1	PASS	ND
HEPTANE	500	PASS	ND
TOLUENE	150	PASS	ND
CHLOROFORM	2	PASS	ND
1,2-DICHLOROETHANE	2	PASS	ND
TRICHLOROETHYLENE	25	PASS	ND
1,1-DICHLOROETHENE	8	PASS	ND
TOTAL XYLENES	150	PASS	ND

**Analyst** 850     **Weight** 0.0204g     **Sample Prep :** 2019-12-04 02:12:51     **Extracted By :** 850

**Analysis Method -SOP.T.40.032**  
**Analytical Batch -DA008458SOL**

Reagent	Dilution	Consums. ID
	1	00276446 160861-1 24152436

Residual solvents screening is performed using GC-MS which can detect below single digit ppm concentrations. Currently we analyze for 34 Residual solvents. (Method: SOP.T.30.042 Residual Solvents Analysis via GC-MS).





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**Harvest/LOT ID: N/A**
**Batch# :**

JP101619T4

**Sample Size :** 30

ml

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**Sample Method :** SOP Client Method

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**Mycotoxins** **PASSED**

**Heavy Metals** **PASSED**

Analyte	Result	Action Level (PPM)
AFLATOXIN G2	ND	
AFLATOXIN G1	ND	
AFLATOXIN B2	ND	
AFLATOXIN B1	ND	
OCHRATOXIN A+	ND	0.02
TOTAL AFLATOXINS	ND	0.02

**Analysis Method -SOP.T.30.065, SOP.T.40.065**
**Analytical Batch -DA008440MYC**

Analyst	Weight	Sample Prep :	Extracted By :
585	1g	NA	NA


**Microbials** **PASSED**

Analyte
ASPERGILLUS_FLAVUS
ASPERGILLUS_FUMIGATUS
ASPERGILLUS_NIGER
ASPERGILLUS_TERREUS
ESCHERICHIA_COLI_SHIGELLA_SPP
SALMONELLA_SPECIFIC_GENE

**Analysis Method -SOP.T.40.043**
**Analytical Batch -DA008438MIC**

Analyst	Weight	Sample Prep :	Extracted By :
513	1.0815g	2019-12-04 10:12:06	1082

Reagent	Dilution	Consums. ID
112719.R03		
120319.R02		
112119.R02		
120419.R01		
120419.R02		
052419.01		

Metal	Result	Action Level (PPM)
ARSENIC	ND	1.5
CADMIUM	ND	0.5
LEAD	ND	0.5
MERCURY	ND	3

Analyst	Weight	Sample Prep :	Extracted By :
457	0.2560g	2019-12-04 01:12:38	457

**Result Analysis Method -SOP.T.40.050, SOP.T.30.052**
**Analytical Batch -DA008425HEA**

not present in 1 gram.  
 not present in 1 gram.  
 not present in 1 gram.  
 not present in 1 gram.  
 not present in 1 gram.  
 not present in 1 gram.

Heavy Metals screening is performed using ICP-MS (Inductively Coupled Plasma - Mass Spectrometer) which can screen down to below single digit ppb concentrations for regulated heavy metals using Method SOP.T.30.052 Sample Preparation for Heavy Metals Analysis via ICP-MS and SOP.T.40.050 Heavy Metals Analysis via ICP-MS.