

SUMMARY OF ANALYSIS (SAMPLE ID: SA27271)

Testing Location: OKC 3680 E. I-240 Service Rd. Oklahoma City, OK 73135 License: LAAA-4Y4X-Z72Z	Customer ID: 1973 Vice Capital Extraction LLC d.b.a. Lotus Gold 420 N Pennsylvania Ave Oklahoma City, OK 73107 License: PAAA-EK2L-2W9W	Order ID: OR8500 Lot Number: Not Entered Batch Number: PRD-003	Sample Type: Primary Matrix: Concentrate Mass: 1.1g Date Collected: 05/18/2020 Date Received: 05/19/2020 Date Completed: 05/19/2020
Cultivar (Strain) or Sample Description: PRD-003 THC Distillate			

*This page is simply a summary of the analysis performed. For analytical details, please consult the individual Certificate(s) of Analysis for each of the specific test(s) performed.

*For Oklahoma, with the new OMMA rules to be effective April 1, 2020, limits on moisture are proposed at 15% and water activity at 0.65aw.

Moisture Content (%)	PASS/FAIL	Water Activity (aw)	PASS/FAIL
Not Tested	N/A	Not Tested	N/A

<u>Cannabinoids (Top 3)</u>	(%)	mg/g
CBDa	42.9	429
CBD	25.6	256
Δ9-THC	1.95	20
TOTAL CBD	63.2	632
TOTAL THC	2.6	26
TOTAL CANNABINOIDS	74.4	744

<u>Terpenes (Top 5)</u>	(%)	µg/g
β-Caryophyllene	1.442	14424
α-Bisabolol	0.685	6854
α-Humulene	0.584	5836
β-Pinene	0.423	4225
Guaiol	0.332	3316
TOTAL TERPENES	4.38	43765

<u>Contaminants</u>	<u>PASS/FAIL</u>
Visual Inspection:	PASS



Scan the QR code to verify results.

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REPORT OF LABORATORY ANALYSIS

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Kyle W. Felling
Kyle W. Felling, Ph.D.
Laboratory Director



CERTIFICATE OF ANALYSIS (SAMPLE ID: SA27271)

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CANNABINOID (POTENCY) PROFILE

Analysis Date/Time: 05/19/2020 1028
Analyst: WW

Method: HPLC/DAD
Instrument: Agilent 1100

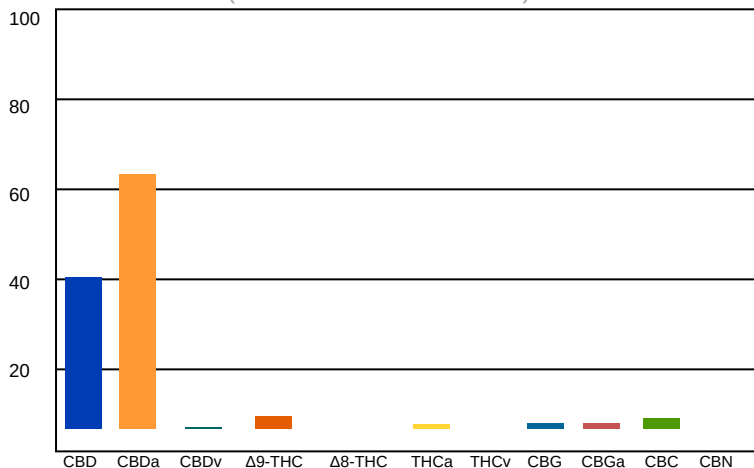
Moisture Content (%): -
Water Activity (aw): -

<u>Cannabinoid</u>	<u>Result (%)</u>	<u>Result (mg/g)</u>	<u>Reporting Limit (mg/g)</u>	<u>Result (mg/mL)</u>	<u>Per Unit (mg)</u>
CBD	25.6	256	0.507	-	256
CBDa	42.9	429	0.507	-	429
CBDv	0.0939	0.939	0.507	-	0.939
Δ9-THC	1.95	19.5	0.507	-	20
Δ8-THC	-	-	0.507	-	-
THCa	0.735	7.35	0.507	-	7
THCv	-	-	0.507	-	-
CBC	1.6	16	0.507	-	16
CBG	0.802	8.02	0.507	-	8
CBGa	0.797	7.97	0.507	-	8
CBN	-	-	0.507	-	-



TOTAL	74.4	744	-	744	UNIT MASS (g): 1
TOTAL THC	2.6	26	-	26	"-" Not detected above RL.
TOTAL CBD	63.2	632	-	632	

Cannabinoid Distribution (% of Total Cannabinoids)



Deviations from standard operating procedure: None

Recoveries for all analyte standards: 90-110%
Replicate Uncertainties: <5% RSD, <20% RPD
Sample/Reagent Blanks: <RL for all analytes

Values for plant matter are adjusted for moisture content.

Total THC = (THCa x 0.877) + Δ9-THC
Total CBD = (CBDa x 0.877) + CBD

Percentage results are reported by mass.
mg/g results are reported as mass component per mass material.

Abbreviations: UV - Ultraviolet, HPLC - High Pressure Liquid Chromatography, RL - Reporting Limit, RPD - Relative Percent Difference, RSD - Relative Standard Deviation

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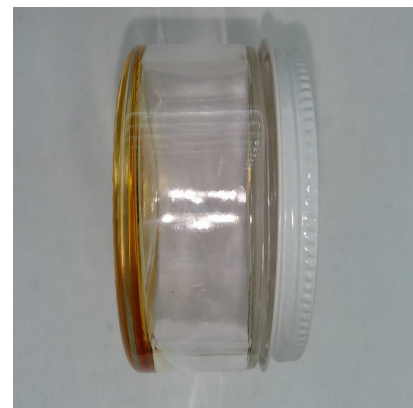
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TERPENOID PROFILE

Analysis Date/Time: 05/19/2020 1028 **Method:** HS/GC/FID (Internal Method-002) **Deviations from SOP:**
Analyst: DJ **Instrument:** Agilent 6890 None

<u>Terpene</u>	<u>Result (µg/g)</u>	<u>Result (%)</u>	
α-Bisabolol	6854	0.685	■
Camphene	-	-	
δ-3-Carene	-	-	
β-Caryophyllene	14424	1.44	■
Caryophyllene oxide	1523	0.152	■
p-Cymene	-	-	
Eucalyptol	-	-	
Geraniol	-	-	
Guaiol	3316	0.332	■
α-Humulene	5836	0.584	■
Isopulegol	-	-	
d-Limonene	2440	0.244	■
Linalool	2225	0.223	■
β-Myrcene	-	-	
cis-Nerolidol	-	-	
trans-Nerolidol	1442	0.144	■
α-Ocimene	-	-	
β-Ocimene	-	-	
α-Pinene	1479	0.148	■
β-Pinene	4225	0.423	■
α-Terpinene	-	-	
γ-Terpinene	-	-	
Terpinolene	-	-	
TOTAL	43765	4.38	



Abbreviations: HS - Headspace, GC - Gas Chromatography, MS - Mass Spectrometry, RL - Reporting Limit

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"-" Not detected above RL.

Reporting Limit (µg/g): 20.3

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