

SUMMARY OF ANALYSIS (SAMPLE ID: SA27270)

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: RSO 05/2020	Sample Type: Primary Matrix: Concentrate Mass: 1.7g Date Collected: 05/18/2020 Date Received: 05/19/2020 Date Completed: 05/19/2020
Cultivar (Strain) or Sample Description: Entourage Effect - RSO Syringe 1mL			

*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 (%) Not Tested	PASS/FAIL N/A	Water Activity (aw) Not Tested	PASS/FAIL N/A
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<u>Cannabinoids (Top 3)</u>	<u>(%)</u>	<u>mg/g</u>
CBD	49	490
Δ9-THC	6.55	65
CBG	2.32	23
TOTAL CBD	49	490
TOTAL THC	6.55	65
TOTAL CANNABINOIDS	59.4	594

<u>Terpenes (Top 5)</u>	<u>(%)</u>	<u>µg/g</u>
Geraniol	0.117	1171
cis-Nerolidol	0.117	1169
Caryophyllene oxide	0.098	982
Guaiol	0.092	917
α-Bisabolol	0.084	845
TOTAL TERPENES	0.508	5084

<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: SA27270)

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CANNABINOID (POTENCY) PROFILE

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

Method: HPLC/DAD
Instrument: Agilent 1100

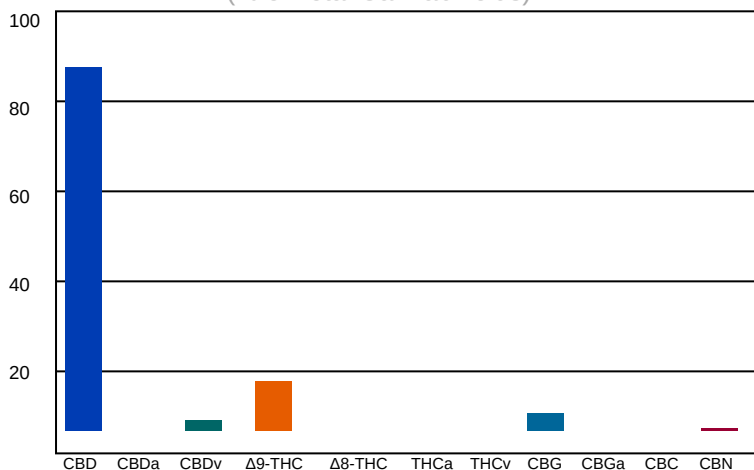
Moisture Content (%): -
Water Activity (aw): -

<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	49	490	0.497	-	490
CBDa	-	-	0.497	-	-
CBDv	1.39	13.9	0.497	-	14
Δ9-THC	6.55	65.5	0.497	-	65
Δ8-THC	-	-	0.497	-	-
THCa	-	-	0.497	-	-
THCv	-	-	0.497	-	-
CBC	-	-	0.497	-	-
CBG	2.32	23.2	0.497	-	23
CBGa	-	-	0.497	-	-
CBN	0.198	1.98	0.497	-	1.98



TOTAL	59.4	594	-	594	UNIT MASS (g): 1
TOTAL THC	6.55	65.5	-	65	"-" Not detected above RL.
TOTAL CBD	49	490	-	490	

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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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</u> (µg/g)	<u>Result</u> (%)	
α-Bisabolol	845	0.0845	■
Camphene	-	-	
δ-3-Carene	-	-	
β-Caryophyllene	-	-	
Caryophyllene oxide	982	0.0982	■
p-Cymene	-	-	
Eucalyptol	-	-	
Geraniol	1171	0.117	■
Guaiol	917	0.0917	■
α-Humulene	-	-	
Isopulegol	-	-	
d-Limonene	-	-	
Linalool	-	-	
β-Myrcene	-	-	
cis-Nerolidol	1169	0.117	■
trans-Nerolidol	-	-	
α-Ocimene	-	-	
β-Ocimene	-	-	
α-Pinene	-	-	
β-Pinene	-	-	
α-Terpinene	-	-	
γ-Terpinene	-	-	
Terpinolene	-	-	
TOTAL	5084	0.508	



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

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"-" Not detected above RL.

Reporting Limit (µg/g): 19.9

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